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TECHNICAL OPTICS

LENS THICKNESS

J. L. SMITH

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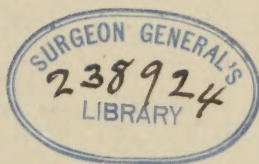
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TECHNICAL OPTICS

LENS THICKNESS
THICKNESS ALLOWANCE
CYLINDER TABLE
DECENTRATION TABLE
KRYPTOK
MINIMUM CENTER THICKNESS
SCALE THICKNESS
LENTICULAR



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WW
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c.1
Film 9586, Items 5
INDEX

Cylinder Table.	Page 1
Decentration Table.	2-3

THICKNESS ALLOWANCE TABLES

.12 D. to .87 D.	4
1.00 D. to 1.87 D.	5
2.00 D. to 2.87 D.	6
3.00 D. to 3.87 D.	7
4.00 D. to 4.87 D.	8
5.00 D. to 5.87 D.	9
6.00 D. to 6.87 D.	10
7.00 D. to 7.87 D.	11
8.00 D. to 8.87 D.	12
9.00 D. to 9.87 D.	13
10.00 D. to 10.87 D.	14
11.00 D. to 12.75 D.	15
13.00 D. to 14.75 D.	16
15.00 D. to 16.75 D.	17
17.00 D. to 18.75 D.	18
19.00 D. to 30.00 D.	19

KRYPTOKS

Plano Table, scale thickness.	20
---------------------------------------	----

M. C. T. TABLES, MINUS DIOPTRIC POWER

1.00, 1.25, 1.50, 1.75 and 2.00 Add.	21
2.25, 2.50, 2.75 and 3.00 Add.	22
3.25, 3.50, 3.75 and 4.00 Add.	23

M. C. T. TABLES, PLUS DIOPTRIC POWER

.50, 1.00 and 1.50 D. Sph.	24
2.00 and 2.50 D. Sph.	25

PLUS DIOPTRIC POWER

3.00 D. Sph., from 1.00 to 4.00 Add.	26
3.50 D. Sph., from 1.00 to 1.75 Add.	26
3.50 D. Sph., from 2.00 to 4.00 Add.	27
4.00 D. Sph., from 1.00 to 2.25 Add.	27
4.00 D. Sph., from 2.50 to 4.00 Add.	28
4.50 D. Sph., from 1.00 to 2.25 Add.	28
4.50 D. Sph., from 2.50 to 4.00 Add.	29
5.00 D. Sph., from 1.00 to 2.25 Add.	29
5.00 D. Sph., from 2.50 to 4.00 Add.	30
5.50 D. Sph., from 1.00 to 1.75 Add.	30
5.50 D. Sph., from 2.00 to 4.00 Add.	31
6.00 D. Sph., from 1.00 to 1.25 Add.	31
6.00 D. Sph., from 1.50 to 4.00 Add.	32
6.50 D. Sph., from 1.00 to 3.50 Add.	33
6.50 D. Sph., from 3.75 to 4.00 Add.	34
7.00 D. Sph., from 1.00 to 3.00 Add.	34
7.00 D. Sph., from 3.25 to 4.00 Add.	35
7.50 D. Sph., from 1.00 to 2.50 Add.	35
7.50 D. Sph., from 2.75 to 4.00 Add.	36
8.00 D. Sph., from 1.00 to 2.00 Add.	36
8.00 D. Sph., from 2.25 to 4.00 Add.	37
8.50 D. Sph., from 1.00 to 1.50 Add.	37
8.50 D. Sph., from 1.75 to 4.00 Add.	38
9.00 D. Sph., from 1.00 to 3.50 Add.	39
9.00 D. Sph., from 3.75 to 4.00 Add.	40
10.00 D. Sph., from 2.25 to 4.00 Add.	40

ABBREVIATIONS

Add.	Addition
Cyl.	Cylinder
D.	Dioptry
Dec.	Decentration
Ex.	Example
H.	Height
Mm.	Millimeter
M. C. T.	Minimum center thickness
Pr.	Prism
Pts.	Points
Sph.	Spherical
S.	Size
Sol.	Solution
T. A.	Thickness allowance

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CYLINDER TABLE

Cyl	5 175	10 170	15 165	20 160	25 155	30 150	35 145	40 140	45 135	50 130	55 125	60 120	65 115	70 110	75 105	80 100	85 95	90 90
.12	.001	.003	.008	.01	.02	.03	.04	.05	.06	.07	.08	.09	.10	.10	.11	.11	.12	.12
.25	.002	.007	.01	.03	.04	.06	.08	.10	.12	.14	.16	.18	.20	.22	.23	.24	.24	.25
.37	.003	.01	.02	.04	.06	.09	.12	.15	.18	.21	.24	.27	.30	.32	.34	.35	.36	.37
.50	.004	.01	.03	.06	.09	.12	.16	.20	.25	.29	.33	.37	.41	.44	.46	.48	.49	.50
.62	.005	.01	.04	.07	.11	.15	.20	.25	.31	.36	.41	.46	.51	.54	.57	.60	.61	.62
.75	.006	.02	.05	.09	.13	.18	.24	.30	.37	.44	.50	.56	.61	.66	.69	.72	.74	.75
.87	.007	.02	.06	.10	.15	.21	.28	.35	.43	.51	.58	.65	.71	.76	.81	.84	.86	.87
1.00	.008	.03	.07	.12	.18	.25	.33	.41	.50	.58	.67	.75	.82	.88	.93	.97	.99	1.00
1.12	.008	.03	.07	.13	.20	.28	.37	.46	.56	.65	.75	.84	.92	.98	1.04	1.08	1.11	1.12
1.25	.01	.03	.08	.15	.22	.31	.41	.51	.62	.73	.83	.93	1.02	1.10	1.16	1.21	1.23	1.25
1.37	.01	.04	.09	.16	.24	.34	.45	.56	.68	.80	.91	1.02	1.12	1.20	1.27	1.32	1.35	1.37
1.50	.01	.04	.10	.18	.27	.37	.49	.61	.75	.88	1.00	1.12	1.23	1.32	1.39	1.45	1.48	1.50
1.62	.01	.04	.11	.19	.29	.40	.53	.66	.81	.95	1.08	1.21	1.33	1.42	1.50	1.57	1.60	1.62
1.75	.01	.05	.12	.21	.31	.43	.57	.72	.87	1.02	1.17	1.31	1.43	1.54	1.62	1.69	1.73	1.75
1.87	.01	.05	.13	.22	.33	.46	.61	.77	.93	1.08	1.25	1.40	1.53	1.64	1.73	1.81	1.85	1.87
2.00	.01	.06	.14	.24	.36	.50	.66	.82	1.00	1.17	1.34	1.50	1.64	1.76	1.86	1.94	1.98	2.00
2.12	.01	.06	.14	.25	.38	.53	.70	.87	1.06	1.24	1.42	1.59	1.74	1.86	1.97	2.05	2.10	2.12
2.25	.01	.06	.15	.27	.40	.56	.74	.92	1.12	1.32	1.50	1.68	1.84	1.98	2.09	2.18	2.23	2.25
2.37	.01	.07	.16	.28	.42	.59	.78	.97	1.18	1.39	1.58	1.77	1.94	2.08	2.20	2.29	2.35	2.37
2.50	.02	.07	.17	.30	.45	.62	.82	1.02	1.25	1.46	1.67	1.87	2.05	2.20	2.32	2.42	2.48	2.50
2.62	.02	.07	.18	.31	.47	.65	.86	1.08	1.31	1.53	1.75	1.96	2.14	2.30	2.43	2.54	2.59	2.62
2.75	.02	.08	.19	.33	.49	.68	.90	1.13	1.37	1.61	1.84	2.06	2.25	2.42	2.55	2.66	2.72	2.75
2.87	.02	.08	.20	.34	.51	.71	.94	1.18	1.43	1.68	1.92	2.15	2.35	2.52	2.66	2.78	2.84	2.87
3.00	.02	.09	.21	.36	.54	.75	.99	1.23	1.50	1.76	2.01	2.25	2.46	2.64	2.79	2.91	2.97	3.00
3.12	.02	.09	.21	.37	.56	.78	1.03	1.28	1.56	1.83	2.09	2.34	2.55	2.74	2.90	3.02	3.09	3.12
3.25	.02	.09	.22	.39	.58	.81	1.07	1.33	1.62	1.90	2.17	2.43	2.66	2.86	3.02	3.15	3.22	3.25
3.37	.02	.10	.23	.40	.60	.84	1.11	1.39	1.68	1.97	2.25	2.52	2.76	2.96	3.13	3.26	3.34	3.37
3.50	.02	.10	.24	.42	.63	.87	1.15	1.44	1.75	2.05	2.34	2.62	2.87	3.08	3.25	3.39	3.47	3.50
3.62	.02	.10	.25	.43	.65	.90	1.19	1.49	1.81	2.12	2.42	2.71	2.96	3.18	3.36	3.51	3.59	3.62
3.75	.03	.11	.26	.45	.67	.93	1.23	1.54	1.87	2.20	2.51	2.81	3.07	3.30	3.48	3.63	3.72	3.75
3.87	.03	.11	.27	.46	.69	.96	1.27	1.59	1.93	2.27	2.59	2.90	3.17	3.40	3.59	3.75	3.83	3.87
4.00	.03	.12	.28	.48	.72	1.00	1.32	1.65	2.00	2.34	2.68	3.00	3.28	3.52	3.72	3.88	3.96	4.00
4.12	.03	.12	.28	.49	.74	1.03	1.36	1.70	2.06	2.41	2.76	3.09	3.37	3.62	3.83	3.99	4.08	4.12
4.25	.03	.12	.29	.51	.76	1.06	1.40	1.75	2.12	2.49	2.84	3.18	3.48	3.74	3.59	4.12	4.21	4.25
4.37	.03	.13	.30	.52	.78	1.09	1.44	1.80	2.18	2.56	2.96	3.27	3.58	3.84	4.06	4.23	4.33	4.37
4.50	.03	.13	.31	.54	.81	1.12	1.48	1.85	2.25	2.64	3.01	3.37	3.69	3.96	4.18	4.36	4.46	4.50
4.62	.03	.13	.32	.55	.83	1.15	1.52	1.90	2.31	2.71	3.09	3.46	3.78	4.06	4.29	4.48	4.58	4.62
4.75	.03	.14	.33	.57	.85	1.18	1.56	1.96	2.37	2.78	3.18	3.56	3.89	4.18	4.41	4.60	4.71	4.75
4.87	.03	.14	.34	.58	.87	1.21	1.60	2.01	2.43	2.85	3.26	3.65	3.99	4.28	4.52	4.72	4.83	4.87
5.00	.04	.15	.35	.60	.90	1.25	1.65	2.06	2.50	2.93	3.35	3.75	4.10	4.40	4.65	4.85	4.96	5.00
5.12	.04	.15	.35	.61	.92	1.28	1.69	2.11	2.56	3.00	3.43	3.84	4.19	4.50	4.76	4.96	5.07	5.12
5.25	.04	.15	.36	.63	.94	1.31	1.73	2.16	2.62	3.08	3.51	3.93	4.30	4.62	4.88	5.09	5.20	5.25
5.37	.04	.16	.37	.64	.96	1.34	1.77	2.21	2.68	3.15	3.59	3.98	4.40	4.72	4.99	5.20	5.32	5.37
5.50	.04	.16	.38	.66	.99	1.37	1.81	2.27	2.75	3.22	3.68	4.12	4.51	4.84	5.11	5.33	5.45	5.50
5.62	.04	.16	.39	.67	1.01	1.40	1.85	2.32	2.81	3.29	3.76	4.21	4.60	4.94	5.22	5.45	5.57	5.62
5.75	.04	.17	.40	.69	1.03	1.43	1.89	2.37	2.87	3.37	3.85	4.31	4.71	5.06	5.34	5.57	5.70	5.75
5.87	.04	.17	.41	.70	1.05	1.46	1.93	2.42	2.93	3.44	3.93	4.40	4.81	5.16	5.45	5.69	5.82	5.87
6.00	.04	.18	.42	.72	1.08	1.50	1.98	2.47	3.00	3.52	4.02	4.50	4.92	5.28	5.58	5.82	5.95	6.00
6.25	.05	.18	.43	.75	1.12	1.56	2.06	2.58	3.12	3.66	4.18	4.68	5.12	5.50	5.81	6.06	6.19	6.25
6.50	.05	.19	.45	.78	1.17	1.62	2.14	2.68	3.25	3.81	4.35	4.87	5.33	5.72	6.04	6.30	6.44	6.50
6.75	.05	.20	.47	.81	1.21	1.68	2.22	2.78	3.37	3.96	4.52	5.06	5.53	5.94	6.27	6.54	6.69	6.75
7.00	.05	.21	.49	.84	1.26	1.75	2.31	2.89	3.50	4.10	4.69	5.25	5.74	6.16	6.51	6.79	6.94	7.00
7.25	.05	.21	.50	.87	1.30	1.81	2.39	2.99	3.62	4.26	4.85	5.34	5.94	6.38	6.74	7.03	7.19	7.25
7.50	.06	.22	.52	.90	1.35	1.87	2.47	3.09	3.75	4.40	5.02	5.62	6.15	6.60	6.97	7.27	7.44	7.50
7.75	.06	.23	.54	.93	1.39	1.93	2.55	3.23	3.87	4.54	5.19	5.81	6.35	6.82	7.20	7.51	7.68	7.75
8.00	.06	.24	.56	.96	1.44	2.00	2.64	3.30	4.00	4.69	5.36	6.00	6.50	7.04	7.44	7.76	7.93	8.00
8.25	.06	.24	.57	.99	1.48	2.06	2.72	3.40	4.12	4.84	5.52	6.18	6.76	7.26	7.67	8.00	8.18	8.25
8.50	.06	.25	.59	1.02	1.53	2.12	2.80	3.51	4.25	4.98	5.69	6.37	6.97	7.48	7.90	8.24	8.43	8.50
8.75	.07	.26	.61	1.05	1.57	2.18	2.88	3.61	4.37	5.13	5.86	6.56	7.17	7.70	8.13	8.48	8.67	8.75
9.00	.07	.27	.63	1.08	1.62	2.25	2.97	3.71	4.50	5.28	6.03	6.75	7.38	7.92	8.37	8.73	8.93	9.00
10.00	.08	.30	.70	1.20	1.80	2.50	3.30	4.13	5.00	5.87	6.70	7.50	8.20	8.80	9.30	9.70	9.92	10.06

DECENTRATION TABLE

D	.5 Dec	1. Dec	1.5 Dec	2. Dec	2.5 Dec	3. Dec	3.5 Dec	4. Dec	5. Dec		Pr .25	Pr .50	Pr .75	Pr 1.00
.12		.01	.02	.02	.03	.03	.04	.05	.06		20.8	41.6	62.5	83.3
.25	.01	.02	.03	.05	.06	.07	.08	.10	.12		10.	20.	30.	40.
.37	.02	.03	.05	.07	.09	.11	.13	.15	.18		6.75	13.5	20.2	27.
.50	.02	.05	.07	.10	.12	.15	.17	.20	.25		5.	10.	15.	20.
.62	.03	.06	.09	.12	.15	.18	.21	.25	.31		4.03	8.06	12.1	16.1
.75	.03	.07	.11	.15	.18	.22	.26	.30	.37		3.33	6.66	10.	13.3
.87	.04	.08	.13	.17	.21	.26	.30	.35	.43		2.87	5.74	8.62	11.5
1.00	.05	.10	.15	.20	.25	.30	.35	.40	.50		2.5	5.	7.5	10.
1.12	.05	.11	.16	.22	.28	.33	.39	.45	.56		2.23	4.46	6.69	8.92
1.25	.06	.12	.18	.25	.31	.37	.43	.50	.62		2.	4.	6.	8.
1.37	.06	.13	.20	.27	.34	.41	.48	.55	.62		1.82	3.64	5.47	7.29
1.50	.07	.15	.22	.30	.37	.45	.52	.60	.75		1.66	3.33	5.	6.66
1.62	.08	.16	.24	.32	.40	.48	.56	.65	.81		1.54	3.08	4.62	6.17
1.75	.08	.17	.26	.35	.43	.52	.61	.70	.87		1.42	2.85	4.28	5.71
1.87	.09	.18	.28	.37	.46	.56	.65	.75	.93		1.33	2.67	4.	5.34
2.00	.10	.20	.30	.40	.50	.60	.70	.80	1.00		1.25	2.50	3.75	5.
2.12	.10	.21	.31	.42	.53	.63	.74	.85	1.06		1.17	2.35	3.53	4.71
2.25	.11	.22	.33	.45	.56	.67	.78	.90	1.12		1.11	2.22	3.33	4.44
2.37	.11	.23	.35	.47	.59	.71	.83	.95	1.18		1.05	2.10	3.16	4.21
2.50	.12	.25	.37	.50	.62	.75	.87	1.00	1.25		1.	2.	3.	4.
2.62	.13	.26	.39	.52	.65	.78	.91	1.05	1.31		.95	1.9	2.86	3.81
2.75	.13	.27	.41	.55	.68	.82	.96	1.10	1.37		.9	1.81	2.72	3.62
2.87	.14	.28	.43	.57	.71	.86	1.00	1.15	1.43		.87	1.74	2.61	3.48
3.00	.15	.30	.45	.60	.75	.90	1.05	1.20	1.50		.83	1.66	2.5	3.33
3.12	.15	.31	.46	.62	.78	.93	1.09	1.25	1.56		.8	1.6	2.4	3.2
3.25	.16	.32	.48	.65	.81	.97	1.13	1.30	1.62		.76	1.53	2.3	3.07
3.37	.16	.33	.50	.67	.84	1.01	1.18	1.35	1.68		.74	1.48	2.22	2.96
3.50	.17	.35	.52	.70	.87	1.05	1.22	1.40	1.75		.71	1.43	2.14	2.85
3.62	.18	.36	.54	.72	.90	1.08	1.26	1.45	1.81		.69	1.38	2.07	2.76
3.75	.18	.37	.56	.75	.93	1.12	1.31	1.50	1.87		.66	1.33	2.	2.66
3.87	.19	.38	.58	.77	.96	1.16	1.35	1.55	1.93		.64	1.29	1.93	2.58
4.00	.20	.40	.60	.80	1.00	1.20	1.40	1.60	2.00		.62	1.25	1.87	2.5
4.12	.20	.41	.61	.82	1.03	1.23	1.44	1.65	2.06		.6	1.21	1.81	2.42
4.25	.21	.42	.63	.85	1.06	1.27	1.48	1.70	2.12		.58	1.17	1.76	2.35
4.37	.21	.43	.65	.87	1.09	1.31	1.53	1.75	2.18		.57	1.14	1.71	2.28
4.50	.22	.45	.67	.90	1.12	1.35	1.57	1.80	2.25		.55	1.11	1.66	2.22
4.62	.23	.46	.69	.92	1.15	1.38	1.61	1.85	2.31		.54	1.08	1.62	2.16
4.75	.23	.47	.71	.95	1.18	1.42	1.66	1.90	2.37		.52	1.05	1.57	2.1
4.87	.24	.48	.73	.97	1.21	1.46	1.70	1.95	2.43		.51	1.02	1.54	2.05
5.00	.25	.50	.75	1.00	1.25	1.50	1.75	2.00	2.50		.5	1.	1.5	2.
5.12	.25	.51	.76	1.02	1.28	1.53	1.79	2.05	2.56		.48	.97	1.46	1.95
5.25	.26	.52	.78	1.05	1.31	1.57	1.83	2.10	2.62		.47	.95	1.42	1.90
5.37	.26	.53	.80	1.07	1.34	1.61	1.88	2.15	2.68		.46	.93	1.39	1.86
5.50	.27	.55	.82	1.10	1.37	1.65	1.92	2.20	2.75		.45	.9	1.36	1.81
5.62	.28	.56	.84	1.12	1.40	1.68	1.96	2.25	2.81		.44	.88	1.33	1.77
5.75	.28	.57	.86	1.15	1.43	1.72	2.01	2.30	2.87		.43	.86	1.3	1.73
5.87	.29	.58	.88	1.17	1.46	1.76	2.05	2.35	2.93		.42	.85	1.27	1.7

DECENTRATION TABLE

D	Dec 5	Dec 1.	Dec 1.5	Dec 2.	Dec 2.5	Dec 3.	Dec 3.5	Dec 4.	Dec 5.		Pr .25	Pr .50	Pr .75	Pr 1.00
6.00	.30	.60	.90	1.20	1.50	1.80	2.10	2.40	3.00		.41	.83	1.25	1.66
6.12	.30	.61	.91	1.22	1.53	1.83	2.14	2.45	3.06		.4	.81	1.22	1.63
6.25	.31	.62	.93	1.25	1.56	1.87	2.18	2.50	3.12		.4	.8	1.2	1.6
6.37	.31	.63	.95	1.27	1.59	1.91	2.22	2.55	3.18		.39	.78	1.17	1.56
6.50	.32	.65	.97	1.30	1.62	1.95	2.27	2.60	3.25		.38	.76	1.15	1.53
6.62	.33	.66	.99	1.32	1.65	1.98	2.31	2.65	3.31		.37	.75	1.13	1.51
6.75	.33	.67	1.01	1.35	1.68	2.02	2.36	2.70	3.37		.37	.74	1.11	1.48
6.87	.34	.68	1.03	1.37	1.71	2.06	2.40	2.75	3.43		.36	.72	1.09	1.45
7.00	.35	.70	1.05	1.45	1.75	2.10	2.45	2.80	3.50		.35	.71	1.07	1.42
7.12	.35	.71	1.06	1.42	1.78	2.13	2.49	2.85	3.56		.35	.7	1.05	1.4
7.25	.36	.72	1.08	1.45	1.81	2.17	2.53	2.90	3.62		.34	.68	1.03	1.37
7.37	.36	.73	1.10	1.47	1.84	2.21	2.58	2.95	3.68		.33	.67	1.01	1.35
7.50	.37	.75	1.12	1.51	1.87	2.25	2.62	3.00	3.75		.33	.66	1.	1.33
7.62	.38	.76	1.14	1.52	1.90	2.28	2.66	3.05	3.81		.32	.65	.98	1.31
7.75	.38	.77	1.31	1.55	1.93	2.32	2.71	3.10	3.87		.32	.64	.96	1.29
7.87	.39	.78	1.18	1.57	1.96	2.36	2.75	3.15	3.93		.31	.63	.95	1.27
8.00	.40	.80	1.20	1.60	2.00	2.40	2.80	3.20	4.00		.31	.62	.93	1.25
8.25	.41	.82	1.23	1.65	2.06	2.47	2.88	3.30	4.12		.3	.6	.9	1.21
8.50	.42	.85	1.27	1.70	2.12	2.55	2.97	3.40	4.25		.29	.58	.88	1.17
8.75	.43	.87	1.31	1.75	2.18	2.62	3.06	3.50	4.37		.28	.57	.85	1.14
9.00	.45	.90	1.35	1.80	2.25	2.70	3.15	3.60	4.50		.27	.55	.83	1.11
9.25	.46	.92	1.38	1.85	2.31	2.77	3.23	3.70	4.62		.27	.54	.81	1.08
9.50	.47	.95	1.42	1.90	2.37	2.85	3.32	3.81	4.75		.26	.52	.78	1.05
9.75	.48	.97	1.46	1.95	2.43	2.92	3.41	3.90	4.87		.25	.51	.76	1.02
10.00	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	5.00		.25	.5	.75	1.00
10.25	.51	1.02	1.53	2.05	2.56	3.07	3.58	4.10	5.12		.24	.48	.73	.97
10.50	.52	1.05	1.57	2.10	2.62	3.15	3.67	4.20	5.25		.23	.47	.71	.95
10.75	.53	1.07	1.61	2.15	2.68	3.22	3.76	4.30	5.37		.23	.46	.69	.93
11.00	.55	1.10	1.65	2.20	2.75	3.30	3.85	4.40	5.50		.22	.45	.68	.90
11.25	.56	1.12	1.68	2.25	2.81	3.37	3.93	4.50	5.62		.22	.44	.66	.88
11.50	.57	1.15	2.01	2.30	2.87	3.45	4.02	4.60	5.75		.21	.43	.65	.86
11.75	.58	1.17	1.76	2.35	2.93	3.52	4.11	4.70	5.87		.21	.42	.63	.85
12.00	.60	1.20	1.80	2.40	3.00	3.60	4.00	4.80	6.00		.2	.41	.62	.83
12.25	.61	1.22	1.83	2.45	3.06	3.67	4.28	4.90	6.12		.2	.4	.61	.81
12.50	.62	1.25	1.87	2.50	3.12	3.75	4.37	5.00	6.25		.2	.4	.6	.8
12.75	.63	1.27	1.91	2.55	3.18	3.82	4.46	5.10	6.37		.19	.39	.58	.78
13.00	.65	1.30	1.95	2.60	3.25	3.90	4.55	5.20	6.50		.19	.38	.57	.76
13.25	.66	1.32	1.98	2.65	3.31	3.97	4.63	5.30	6.62		.18	.37	.56	.75
13.50	.67	1.35	2.02	2.70	3.37	4.05	4.72	5.40	6.75		.18	.37	.56	.74
13.75	.68	1.37	2.06	2.75	3.43	4.12	4.81	5.50	6.87		.18	.36	.54	.72
14.00	.70	1.40	2.10	2.80	3.50	4.20	4.90	5.60	7.00		.17	.35	.53	.71
15.00	.75	1.50	2.25	3.00	3.75	4.50	5.25	6.00	7.50		.16	.33	.49	.66
16.00	.80	1.60	2.40	3.20	4.00	4.80	5.60	6.40	8.00		.15	.31	.46	.62
17.00	.85	1.70	2.55	3.40	4.25	5.10	5.95	6.80	8.50		.14	.29	.43	.58
18.00	.90	1.80	2.70	3.60	4.50	5.40	6.30	7.20	9.00		.13	.27	.41	.55
19.00	.95	1.90	2.85	3.80	4.75	5.70	6.65	7.60	9.50		.13	.26	.39	.52
20.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00			.12	.25	.37	.50

THICKNESS ALLOWANCE TABLE

S Mm	D .12	D .25	D .37	D .50	D .62	D .75	D .87	
60	.5	1.1	1.6	2.1	2.7	3.2	3.7	
59	.5	1.	1.5	2.1	2.6	3.1	3.6	
58	.5	1.	1.5	2.	2.5	3.	3.5	
57	.5	1.	1.4	1.9	2.4	2.9	3.4	
56	.4	.9	1.4	1.9	2.3	2.8	3.2	
55	.4	.9	1.3	1.8	2.2	2.7	3.1	
54	.4	.9	1.3	1.7	2.1	2.6	3.	
53	.4	.8	1.2	1.7	2.1	2.5	2.9	
52	.4	.8	1.2	1.6	2.	2.4	2.8	
51	.4	.8	1.1	1.5	1.9	2.3	2.7	
50	.3	.7	1.1	1.5	1.8	2.2	2.6	
49	.3	.7	1.1	1.4	1.8	2.1	2.5	
48	.3	.7	1.	1.4	1.7	2.	2.4	
47	.3	.6	1.	1.3	1.6	2.	2.3	
46	.3	.6	.9	1.2	1.5	1.9	2.2	
45	.3	.6	.9	1.2	1.5	1.8	2.1	
44	.3	.6	.8	1.1	1.4	1.7	2.	
43	.2	.5	.8	1.1	1.3	1.6	1.9	
42	.2	.5	.8	1.	1.3	1.6	1.8	
41	.2	.5	.7	1.	1.2	1.5	1.7	
40	.2	.5	.7	.9	1.2	1.4	1.6	
39	.2	.4	.6	.9	1.1	1.4	1.6	
38	.2	.4	.6	.8	1.	1.3	1.5	
37	.2	.4	.6	.8	1.	1.2	1.4	
36	.2	.4	.5	.7	.9	1.1	1.3	
35	.2	.3	.5	.7	.9	1.1	1.2	
34	.1	.3	.5	.6	.8	1.	1.2	
33	.1	.3	.5	.6	.8	1.	1.1	
32	.1	.3	.4	.6	.7	.9	1.	
31	.1	.3	.4	.6	.7	.8	1.	
30	.1	.2	.4	.5	.6	.8	.9	
29	.1	.2	.4	.5	.6	.7	.9	
28	.1	.2	.3	.4	.6	.7	.8	
27	.1	.2	.3	.4	.5	.6	.7	
26	.1	.2	.3	.4	.5	.6	.7	
25	.1	.2	.2	.3	.4	.5	.6	
24	.1	.2	.2	.3	.4	.5	.6	
23	.1	.1	.2	.3	.4	.4	.5	
22		.1	.2	.3	.3	.4	.5	
21		.1	.2	.2	.3	.4	.4	
20		.1	.1	.2	.3	.3	.4	
19		.1	.1	.2	.2	.3	.3	
18		.1	.1	.2	.2	.3	.3	

THICKNESS ALLOWANCE TABLE

S Mm	D 1.00	D 1.12	D 1.25	D 1.37	D 1.50	D 1.62	D 1.75	D 1.87
60	4.3	4.8	5.4	5.9	6.5	7.	7.5	8.1
59	4.2	4.7	5.2	5.7	6.2	6.7	7.3	7.8
58	4.	4.5	5.	5.5	6.	6.5	7.	7.5
57	3.9	4.4	4.9	5.3	5.8	6.3	6.8	7.3
56	3.7	4.2	4.7	5.1	5.6	6.1	6.6	7.
55	3.6	4.	4.5	4.9	5.4	5.9	6.3	6.8
54	3.5	3.9	4.4	4.8	5.2	5.7	6.1	6.5
53	3.3	3.7	4.2	4.6	5.	5.5	5.9	6.3
52	3.2	3.6	4.	4.4	4.8	5.2	5.6	6.
51	3.1	3.5	3.9	4.2	4.6	5.	5.4	5.8
50	3.	3.3	3.7	4.1	4.5	4.8	5.2	5.6
49	2.9	3.2	3.6	3.9	4.3	4.6	5.	5.4
48	2.7	3.	3.4	3.8	4.1	4.4	4.8	5.1
47	2.6	2.9	3.3	3.6	3.9	4.3	4.6	4.9
46	2.5	2.8	3.2	3.5	3.8	4.1	4.4	4.7
45	2.4	2.7	3.	3.3	3.6	3.9	4.2	4.5
44	2.3	2.6	2.9	3.2	3.5	3.7	4.	4.3
43	2.2	2.5	2.7	3.	3.3	3.5	3.8	4.1
42	2.1	2.3	2.6	2.9	3.2	3.4	3.7	3.9
41	2.	2.2	2.5	2.7	3.	3.2	3.5	3.7
40	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.5
39	1.8	2.	2.2	2.5	2.7	2.9	3.1	3.4
38	1.7	1.9	2.1	2.3	2.6	2.8	3.	3.2
37	1.6	1.8	2.	2.2	2.4	2.6	2.8	3.
36	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9
35	1.4	1.6	1.8	2.	2.2	2.3	2.5	2.7
34	1.3	1.5	1.7	1.8	2.	2.2	2.4	2.5
33	1.3	1.4	1.6	1.7	1.9	2.1	2.2	2.4
32	1.2	1.3	1.5	1.6	1.8	2.	2.1	2.2
31	1.1	1.2	1.4	1.5	1.7	1.9	2.	2.1
30	1.1	1.2	1.3	1.4	1.6	1.7	1.9	2.
29	1.	1.1	1.2	1.3	1.5	1.6	1.7	1.9
28	.9	1.	1.1	1.2	1.4	1.5	1.6	1.7
27	.9	1.	1.1	1.2	1.3	1.4	1.5	1.6
26	.8	.9	1.	1.1	1.2	1.3	1.4	1.5
25	.7	.8	.9	1.	1.1	1.2	1.3	1.4
24	.7	.7	.8	.9	1.	1.1	1.2	1.3
23	.6	.7	.7	.8	.9	1.	1.1	1.2
22	.6	.6	.7	.8	.8	.9	1.	1.1
21	.5	.6	.6	.7	.8	.8	.9	1.
20	.5	.5	.6	.7	.7	.8	.8	.9
19	.4	.5	.5	.6	.6	.7	.7	.8
18	.4	.4	.5	.5	.6	.6	.7	.7

THICKNESS ALLOWANCE TABLE

S Mm	D 2.00	D 2.12	D 2.25	D 2.37	D 2.50	D 2.62	D 2.75	D 2.87
60	8.6	9.1	9.7	10.2	10.8	11.3	11.9	12.4
59	8.3	8.8	9.4	9.9	10.5	11.	11.5	12.
58	8.1	8.5	9.1	9.6	10.1	10.6	11.1	11.6
57	7.8	8.3	8.8	9.3	9.8	10.2	10.7	11.2
56	7.5	8.	8.5	8.9	9.4	9.9	10.4	10.8
55	7.2	7.7	8.2	8.6	9.1	9.5	10.	10.4
54	7.	7.4	7.9	8.3	8.7	9.2	9.6	10.
53	6.7	7.1	7.6	8.	8.4	8.8	9.3	9.7
52	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3
51	6.2	6.6	7.	7.4	7.8	8.2	8.6	8.9
50	6.	6.3	6.7	7.1	7.5	7.8	8.2	8.6
49	5.7	6.1	6.5	6.8	7.2	7.5	7.9	8.2
48	5.5	5.8	6.2	6.5	6.9	7.2	7.6	7.9
47	5.3	5.6	5.9	6.3	6.6	6.9	7.3	7.6
46	5.1	5.4	5.7	6.	6.3	6.6	7.	7.3
45	4.8	5.1	5.4	5.7	6.	6.3	6.7	7.
44	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7
43	4.4	4.7	5.	5.3	5.5	5.8	6.1	6.4
42	4.2	4.5	4.7	5.	5.3	5.5	5.8	6.1
41	4.	4.3	4.5	4.8	5.	5.3	5.5	5.8
40	3.8	4.1	4.3	4.5	4.8	5.	5.3	5.5
39	3.6	3.8	4.1	4.3	4.5	4.8	5.	5.2
38	3.4	3.6	3.9	4.1	4.3	4.5	4.7	4.9
37	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7
36	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
35	2.9	3.1	3.3	3.5	3.7	3.8	4.	4.2
34	2.7	2.9	3.1	3.2	3.4	3.6	3.8	3.9
33	2.6	2.7	2.9	3.1	3.2	3.4	3.6	3.7
32	2.4	2.6	2.7	2.9	3.	3.2	3.3	3.5
31	2.3	2.4	2.6	2.7	2.8	3.	3.1	3.3
30	2.1	2.3	2.4	2.5	2.7	2.8	2.9	3.1
29	2.	2.1	2.2	2.3	2.5	2.6	2.7	2.9
28	1.9	2.	2.1	2.2	2.3	2.4	2.5	2.7
27	1.7	1.8	1.9	2.	2.2	2.3	2.4	2.5
26	1.6	1.7	1.8	1.9	2.	2.1	2.2	2.3
25	1.5	1.6	1.7	1.8	1.9	1.9	2.	2.1
24	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.
23	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8
22	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7
21	1.	1.1	1.2	1.2	1.3	1.4	1.4	1.5
20	.9	1.	1.1	1.1	1.2	1.2	1.3	1.4
19	.8	.9	.9	1.	1.1	1.1	1.2	1.2
18	.8	.8	.9	.9	1.	1.	1.1	1.1

THICKNESS ALLOWANCE TABLE

S Mm	D 3.00	D 3.12	D 3.25	D 3.37	D 3.50	D 3.62	D 3.75	D 3.87
60	13.	13.5	14.1	14.6	15.2	15.8	16.4	16.9
59	12.6	13.1	13.7	14.2	14.7	15.2	15.8	16.3
58	12.1	12.6	13.2	13.7	14.2	14.7	15.2	15.7
57	11.7	12.2	12.7	13.2	13.7	14.2	14.7	15.2
56	11.3	11.8	12.3	12.8	13.3	13.7	14.2	14.7
55	10.9	11.4	11.9	12.3	12.8	13.2	13.7	14.2
54	10.5	10.9	11.4	11.8	12.3	12.7	13.2	13.6
53	10.1	10.5	11.	11.4	11.8	12.3	12.7	13.1
52	9.7	10.1	10.6	10.9	11.4	11.8	12.2	12.6
51	9.4	9.8	10.2	10.5	11.	11.4	11.8	12.1
50	9.	9.4	9.8	10.1	10.5	10.9	11.3	11.7
49	8.6	9.	9.4	9.7	10.1	10.5	10.8	11.2
48	8.3	8.6	9.	9.3	9.7	10.	10.4	10.7
47	8.	8.3	8.6	8.9	9.3	9.6	10.	10.3
46	7.6	7.9	8.3	8.6	8.9	9.2	9.6	9.9
45	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4
44	7.	7.3	7.6	7.8	8.1	8.4	8.7	9.
43	6.6	6.9	7.2	7.5	7.8	8.	8.3	8.6
42	6.3	6.6	6.9	7.1	7.4	7.7	7.9	8.2
41	6.	6.3	6.5	6.8	7.1	7.3	7.6	7.8
40	5.7	6.	6.2	6.5	6.7	6.9	7.2	7.4
39	5.5	5.7	5.9	6.1	6.4	6.6	6.8	7.1
38	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.7
37	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3
36	4.6	4.8	5.	5.2	5.4	5.6	5.8	6.
35	4.4	4.6	4.8	4.9	5.1	5.3	5.5	5.7
34	4.1	4.3	4.5	4.7	4.8	5.	5.2	5.4
33	3.9	4.1	4.2	4.4	4.6	4.7	4.9	5.1
32	3.7	3.8	4.	4.1	4.3	4.4	4.6	4.7
31	3.4	3.6	3.7	3.9	4.	4.1	4.3	4.4
30	3.2	3.3	3.5	3.6	3.8	3.9	4.	4.2
29	3.	3.1	3.3	3.4	3.5	3.6	3.8	3.9
28	2.8	2.9	3.	3.1	3.3	3.4	3.5	3.6
27	2.6	2.7	2.8	2.9	3.	3.1	3.3	3.4
26	2.4	2.5	2.6	2.7	2.8	2.9	3.	3.1
25	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
24	2.1	2.1	2.2	2.3	2.4	2.5	2.6	2.7
23	1.9	2.	2.	2.1	2.2	2.3	2.3	2.4
22	1.7	1.8	1.9	1.9	2.	2.1	2.2	2.2
21	1.6	1.6	1.7	1.8	1.8	1.9	2.	2.
20	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8
19	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6
18	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5

THICKNESS ALLOWANCE TABLE

S Mm	D 4.00	D 4.12	D 4.25	D 4.37	D 4.50	D 4.62	D 4.75	D 4.87
60	17.5	18.	18.6	19.1	19.7	20.3	20.9	21.4
59	16.9	17.4	18.	18.5	19.1	19.6	20.2	20.7
58	16.3	16.8	17.3	17.8	18.4	18.9	19.5	20.
57	15.7	16.2	16.7	17.2	17.8	18.3	18.8	19.3
56	15.2	15.7	16.2	16.6	17.1	17.6	18.1	18.6
55	14.6	15.1	15.6	16.	16.5	17.	17.5	17.9
54	14.1	14.5	15.	15.4	15.9	16.3	16.8	17.2
53	13.6	14.	14.5	14.9	15.3	15.7	16.2	16.6
52	13.1	13.4	13.9	14.3	14.7	15.1	15.6	16.
51	12.6	12.9	13.4	13.7	14.2	14.6	15.	15.4
50	12.1	12.4	12.8	13.2	13.6	14.	14.4	14.8
49	11.6	11.9	12.3	12.7	13.	13.4	13.8	14.2
48	11.1	11.5	11.8	12.2	12.5	12.9	13.2	13.6
47	10.7	11.	11.3	11.6	12.	12.3	12.7	13.
46	10.2	10.5	10.8	11.2	11.5	11.8	12.1	12.5
45	9.8	10.1	10.4	10.7	11.	11.3	11.6	11.9
44	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4
43	8.9	9.2	9.5	9.7	10.	10.3	10.6	10.9
42	8.5	8.7	9.	9.3	9.6	9.8	10.1	10.4
41	8.1	8.3	8.6	8.8	9.1	9.4	9.6	9.9
40	7.7	7.9	8.2	8.4	8.7	8.9	9.2	9.4
39	7.3	7.5	7.8	8.	8.2	8.5	8.7	8.9
38	6.9	7.1	7.4	7.6	7.8	8.	8.2	8.5
37	6.6	6.8	7.	7.2	7.4	7.6	7.8	8.
36	6.2	6.4	6.6	6.8	7.	7.2	7.4	7.6
35	5.9	6.	6.2	6.4	6.6	6.8	7.	7.2
34	5.5	5.7	5.9	6.1	6.3	6.4	6.6	6.8
33	5.2	5.4	5.5	5.7	5.9	6.	6.2	6.4
32	4.9	5.1	5.2	5.4	5.5	5.7	5.8	6.
31	4.6	4.7	4.9	5.	5.2	5.3	5.5	5.6
30	4.3	4.4	4.6	4.7	4.8	5.	5.1	5.2
29	4.	4.1	4.3	4.4	4.5	4.7	4.8	4.9
28	3.8	3.9	4.	4.1	4.2	4.3	4.4	4.5
27	3.5	3.6	3.7	3.8	3.9	4.	4.1	4.2
26	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
25	3.	3.1	3.2	3.3	3.4	3.5	3.5	3.6
24	2.7	2.8	2.9	3.	3.1	3.2	3.3	3.3
23	2.5	2.6	2.7	2.7	2.8	2.9	3.	3.1
22	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.8
21	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.5
20	1.9	2.	2.	2.1	2.1	2.2	2.3	2.3
19	1.7	1.8	1.8	1.9	1.9	2.	2.	2.1
18	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9

THICKNESS ALLOWANCE TABLE

S Mm	D 5.00	D 5.12	D 5.25	D 5.37	D 5.50	D 5.62	D 5.75	D 5.87
60	22.	22.6	23.2	23.7	24.3	24.9	25.5	26.1
59	21.3	21.8	22.4	22.9	23.5	24.	24.6	25.2
58	20.5	21.	21.6	22.1	22.7	23.2	23.8	24.3
57	19.8	20.3	20.8	21.3	21.9	22.4	22.9	23.4
56	19.1	19.6	20.1	20.6	21.1	21.6	22.1	22.6
55	18.4	18.9	19.4	19.8	20.3	20.8	21.3	21.8
54	17.7	18.2	18.7	19.1	19.6	20.	20.5	21.
53	17.1	17.5	18.	18.4	18.9	19.3	19.8	20.2
52	16.4	16.8	17.3	17.7	18.1	18.5	19.	19.4
51	15.8	16.2	16.6	17.	17.4	17.8	18.2	18.6
50	15.2	15.6	16.	16.3	16.7	17.1	17.5	17.9
49	14.6	14.9	15.3	15.7	16.1	16.4	16.8	17.2
48	14.	14.3	14.7	15.	15.4	15.7	16.1	16.5
47	13.4	13.7	14.	14.4	14.7	15.1	15.4	15.8
46	12.8	13.1	13.5	13.8	14.1	14.4	14.8	15.1
45	12.2	12.5	12.9	13.2	13.5	13.8	14.1	14.4
44	11.7	12.	12.3	12.6	12.9	13.2	13.5	13.8
43	11.2	11.4	11.7	12.	12.3	12.6	12.9	13.2
42	10.6	10.9	11.2	11.5	11.7	12.	12.3	12.6
41	10.1	10.4	10.7	10.9	11.2	11.4	11.7	12.
40	9.6	9.9	10.1	10.4	10.6	10.9	11.1	11.4
39	9.2	9.4	9.6	9.9	10.1	10.3	10.6	10.8
38	8.7	8.9	9.1	9.3	9.6	9.8	10.	10.2
37	8.2	8.4	8.7	8.9	9.1	9.3	9.5	9.7
36	7.8	8.	8.2	8.4	8.6	8.8	9.	9.2
35	7.4	7.5	7.7	7.9	8.1	8.3	8.5	8.7
34	7.	7.1	7.3	7.5	7.7	7.9	8.	8.2
33	6.6	6.7	6.9	7.1	7.2	7.4	7.5	7.7
32	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2
31	5.8	5.9	6.1	6.2	6.3	6.5	6.6	6.8
30	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3
29	5.	5.1	5.3	5.4	5.5	5.7	5.8	5.9
28	4.7	4.8	4.9	5.	5.1	5.3	5.4	5.5
27	4.4	4.5	4.6	4.7	4.8	4.9	5.	5.1
26	4.	4.1	4.2	4.3	4.4	4.5	4.6	4.7
25	3.7	3.8	3.9	4.	4.1	4.2	4.3	4.4
24	3.4	3.5	3.6	3.7	3.8	3.9	4.	4.
23	3.2	3.2	3.3	3.4	3.5	3.5	3.6	3.7
22	2.9	2.9	3.	3.1	3.2	3.2	3.3	3.4
21	2.6	2.7	2.8	2.8	2.9	2.9	3.	3.1
20	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8
19	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.5
18	1.9	2.	2.	2.1	2.2	2.2	2.2	2.3

THICKNESS ALLOWANCE TABLE

S Mm	D 6.00	D 6.12	D 6.25	D 6.37	D 6.50	D 6.62	D 6.75	D 6.87
60	26.7	27.3	27.9	28.5	29.1	29.7	30.3	30.9
59	25.8	26.3	26.9	27.5	28.1	28.6	29.2	29.8
58	24.9	25.4	26.	26.5	27.1	27.6	28.2	28.7
57	24.	24.5	25.1	25.6	26.1	26.6	27.2	27.7
56	23.1	23.6	24.2	24.7	25.2	25.7	26.2	26.7
55	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.7
54	21.5	21.9	22.4	22.9	23.4	23.8	24.3	24.7
53	20.7	21.1	21.6	22.	22.5	22.9	23.4	23.8
52	19.8	20.2	20.7	21.1	21.6	22.	22.5	22.9
51	19.1	19.5	19.9	20.3	20.8	21.2	21.6	22.
50	18.3	18.7	19.1	19.5	19.9	20.3	20.7	21.1
49	17.6	18.	18.4	18.7	19.1	19.5	19.9	20.3
48	16.8	17.2	17.6	17.9	18.3	18.7	19.1	19.4
47	16.1	16.5	16.9	17.2	17.6	17.9	18.3	18.6
46	15.5	15.8	16.1	16.4	16.8	17.1	17.5	17.8
45	14.8	15.1	15.4	15.7	16.1	16.4	16.7	17.
44	14.1	14.4	14.7	15.	15.4	15.7	16.	16.3
43	13.5	13.8	14.1	14.4	14.7	14.9	15.2	15.5
42	12.8	13.1	13.4	13.7	14.	14.2	14.5	14.8
41	12.2	12.5	12.8	13.	13.3	13.5	13.8	14.1
40	11.6	11.9	12.1	12.4	12.7	12.9	13.1	13.4
39	11.	11.3	11.5	11.7	12.	12.2	12.5	12.7
38	10.5	10.7	10.9	11.1	11.4	11.6	11.8	12.
37	9.9	10.1	10.3	10.5	10.8	11.	11.2	11.4
36	9.4	9.6	9.8	10.	10.2	10.4	10.6	10.8
35	8.9	9.1	9.3	9.5	9.6	9.8	10.	10.2
34	8.4	8.5	8.7	8.9	9.1	9.2	9.4	9.6
33	7.9	8.	8.2	8.4	8.6	8.7	8.9	9.1
32	7.4	7.5	7.7	7.8	8.	8.2	8.3	8.5
31	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.
30	6.5	6.6	6.8	6.9	7.	7.2	7.3	7.4
29	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.9
28	5.6	5.8	5.9	6.	6.1	6.2	6.4	6.5
27	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.
26	4.9	5.	5.1	5.2	5.3	5.4	5.5	5.6
25	4.5	4.6	4.7	4.8	4.9	5.	5.1	5.2
24	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
23	3.8	3.9	4.	4.1	4.1	4.2	4.3	4.4
22	3.5	3.5	3.6	3.7	3.8	3.9	3.9	4.
21	3.2	3.2	3.3	3.3	3.4	3.5	3.5	3.6
20	2.9	2.9	3.	3.	3.1	3.2	3.2	3.3
19	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9
18	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6

THICKNESS ALLOWANCE TABLE

S Mm	D 7.00	D 7.12	D 7.25	D 7.37	D 7.50	D 7.62	D 7.75	D 7.87
60	31.5	32.1	32.7	33.3	34.	34.6	35.3	35.9
59	30.4	31.	31.6	32.2	32.8	33.4	34.	34.6
58	39.3	29.9	30.5	31.1	31.7	32.2	32.8	33.4
57	28.3	28.8	29.4	29.9	30.5	31.	31.6	32.2
56	27.3	27.8	28.3	28.2	29.4	29.9	30.5	31.
55	26.3	26.8	27.3	27.8	28.3	28.8	29.4	29.9
54	25.3	25.8	26.3	26.8	27.3	27.7	28.2	28.7
53	24.3	24.8	25.3	25.7	26.2	26.6	27.1	27.6
52	23.4	23.8	24.3	24.7	25.2	25.6	26.1	26.5
51	22.5	22.9	23.3	23.7	24.2	24.6	25.1	25.5
50	21.6	22.	22.4	22.8	23.2	23.6	24.1	24.5
49	20.7	21.1	21.5	21.9	22.3	22.7	23.1	23.5
48	19.8	20.2	20.6	21.	21.4	21.7	22.1	22.5
47	19.	19.3	19.7	20.1	20.5	20.8	21.2	21.5
46	18.2	18.5	18.8	19.2	19.6	19.9	20.2	20.6
45	17.4	17.7	18.	18.3	18.7	19.	19.3	19.7
44	16.6	16.9	17.2	17.5	17.8	18.1	18.4	18.8
43	15.8	16.1	16.4	16.7	17.	17.3	17.6	17.9
42	15.1	15.3	15.6	15.9	16.2	16.5	16.8	17.
41	14.3	14.6	14.9	15.1	15.4	15.7	16.	16.2
40	13.6	13.9	14.2	14.4	14.7	14.9	15.2	15.4
39	13.	13.2	13.4	13.7	13.9	14.2	14.4	14.6
38	12.3	12.5	12.7	12.9	13.2	13.4	13.7	13.9
37	11.6	11.8	12.1	12.3	12.5	12.7	12.9	13.1
36	11.	11.2	11.4	11.6	11.8	12.	12.2	12.4
35	10.4	10.6	10.8	11.	11.2	11.3	11.5	11.7
34	9.8	10.	10.2	10.3	10.5	10.7	10.9	11.
33	9.2	9.4	9.6	9.7	9.9	10.1	10.2	10.4
32	8.7	8.8	9.	9.1	9.3	9.4	9.6	9.8
31	8.1	8.3	8.4	8.6	8.7	8.9	9.	9.1
30	7.6	7.7	7.9	8.	8.1	8.3	8.4	8.5
29	7.1	7.2	7.4	7.5	7.6	7.7	7.9	8.
28	6.6	6.7	6.8	7.	7.1	7.2	7.3	7.4
27	6.1	6.2	6.4	6.5	6.6	6.7	6.8	6.9
26	5.7	5.8	5.9	6.	6.1	6.2	6.3	6.4
25	5.3	5.4	5.4	5.5	5.6	5.7	5.8	5.9
24	4.8	4.9	5.	5.1	5.2	5.3	5.3	5.4
23	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.
22	4.1	4.2	4.2	4.3	4.3	4.4	4.5	4.6
21	3.7	3.8	3.8	3.9	4.	4.	4.1	4.2
20	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.8
19	3.	3.1	3.1	3.2	3.2	3.3	3.3	3.4
18	2.7	2.7	2.8	2.8	2.9	2.9	3.	3.

THICKNESS ALLOWANCE TABLE

S Mm	D 8.00	D 8.12	D 8.25	D 8.37	D 8.50	D 8.62	D 8.75	D 8.87
60	36.5	37.1	37.8	38.5	39.2	39.8	40.5	41.1
59	35.2	35.8	36.5	37.1	37.8	38.4	39.	39.6
58	34.	34.6	35.2	35.8	36.4	37.	37.6	38.2
57	32.7	33.3	33.9	34.5	35.1	35.6	36.2	36.8
56	31.5	32.1	32.7	33.2	33.8	34.4	34.9	35.4
55	30.4	30.9	31.4	32.	32.5	33.	33.6	34.1
54	29.2	29.7	30.2	30.7	31.3	31.8	32.3	32.8
53	28.1	28.6	29.1	29.5	30.	30.5	31.	31.5
52	27.	27.4	27.9	28.3	28.8	29.3	29.8	30.2
51	25.9	26.3	26.8	27.2	27.7	28.1	28.6	29.
50	24.9	25.3	25.7	26.1	26.6	27.	27.5	27.9
49	23.9	24.3	24.7	25.1	25.5	25.9	26.3	26.7
48	22.9	23.2	23.6	24.	24.4	24.8	25.2	25.6
47	21.9	22.2	22.6	23.	23.4	23.7	24.1	24.5
46	20.9	21.2	21.6	22.	22.3	22.7	23.	23.4
45	20.	20.3	20.7	21.	21.3	21.7	22.	22.3
44	19.1	19.4	19.7	20.	20.3	20.7	21.	21.3
43	18.2	18.5	18.8	19.1	19.4	19.7	20.	20.3
42	17.3	17.6	17.9	18.2	18.5	18.8	19.1	19.4
41	16.5	16.8	17.	17.3	17.6	17.9	18.1	18.4
40	15.7	15.9	16.2	16.5	16.7	17.	17.2	17.5
39	14.9	15.1	15.4	15.6	15.9	16.1	16.4	16.6
38	14.1	14.3	14.6	14.8	15.1	15.3	15.5	15.7
37	13.3	13.5	13.8	14.	14.2	14.4	14.6	15.9
36	12.6	12.8	13.	13.2	13.5	13.7	13.9	14.1
35	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.3
34	11.2	11.4	11.6	11.8	12.	12.1	12.3	12.5
33	10.6	10.7	10.9	11.1	11.3	11.4	11.6	11.8
32	10.	10.1	10.3	10.4	10.6	10.7	10.9	11.1
31	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4
30	8.7	8.9	9.	9.1	9.3	9.4	9.6	9.7
29	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.
28	7.6	7.7	7.8	7.9	8.1	8.2	8.3	8.4
27	7.	7.1	7.3	7.4	7.5	7.6	7.7	7.8
26	6.5	6.6	6.7	6.8	6.9	7.	7.1	7.2
25	6.	6.1	6.2	6.3	6.4	6.5	6.6	6.7
24	5.5	5.6	5.7	5.8	5.9	6.	6.1	6.2
23	5.1	5.2	5.2	5.3	5.4	5.5	5.6	5.7
22	4.6	4.7	4.8	4.8	4.9	5.	5.1	5.2
21	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.7
20	3.8	3.9	4.	4.	4.1	4.1	4.2	4.3
19	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8
18	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4

THICKNESS ALLOWANCE TABLE

S Mm	D 9.00	D 9.12	D 9.25	D 9.37	D 9.50	D 9.62	D 9.75	D 9.87
60	41.8	42.5	43.2	43.9	44.6	45.3	46.	46.7
59	40.3	40.9	41.6	42.3	43.	43.6	44.3	45.
58	38.8	39.4	40.1	40.7	41.4	42.	42.6	43.3
57	37.4	38.	38.6	39.2	39.8	40.4	41.1	41.7
56	36.	36.6	37.2	37.8	38.4	38.9	39.5	40.1
55	34.6	35.2	35.8	36.3	36.9	37.4	38.	38.5
54	33.3	33.8	34.4	34.9	35.5	36.	36.5	37.
53	32.	32.5	33.	33.5	34.1	34.6	35.1	35.6
52	30.7	31.2	31.7	32.1	32.7	33.1	33.6	34.1
51	29.5	30.	30.5	30.9	31.4	31.8	32.3	32.7
50	28.3	28.7	29.2	29.6	30.1	30.5	31.	31.4
49	27.1	27.5	28.	28.4	28.8	29.2	29.7	30.1
48	26.	26.4	26.8	27.2	27.6	28.	28.4	28.8
47	24.9	25.2	25.6	26.	26.4	26.8	27.1	27.5
46	23.8	24.1	24.5	24.8	25.2	25.6	25.9	26.3
45	22.7	23.	23.4	23.7	24.1	24.4	24.8	25.1
44	21.7	22.	22.3	22.6	23.	23.3	23.6	23.9
43	20.7	21.	21.3	21.6	21.9	22.2	22.5	22.8
42	19.7	20.	20.2	20.5	20.8	21.1	21.4	21.7
41	18.7	19.	19.2	19.5	19.8	20.1	20.4	20.6
40	17.8	18.	18.3	18.5	18.8	19.1	19.4	19.6
39	16.9	17.1	17.4	17.6	17.9	18.1	18.4	18.6
38	16.	16.2	16.5	16.7	16.9	17.1	17.4	17.6
37	15.1	15.3	15.6	15.8	16.	16.2	16.5	16.7
36	14.3	14.5	14.7	14.9	15.1	15.3	15.6	15.8
35	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9
34	12.7	12.9	13.1	13.3	13.5	13.6	13.8	14.
33	12.	12.1	12.3	12.5	12.7	12.8	13.	13.2
32	11.2	11.4	11.6	11.7	11.9	12.	12.2	12.4
31	10.5	10.7	10.8	11.	11.1	11.3	11.4	11.6
30	9.8	10.	10.1	10.3	10.4	10.5	10.7	10.8
29	9.2	9.3	9.4	9.6	9.7	9.8	10.	10.1
28	8.6	8.7	8.8	8.9	9.	9.2	9.3	9.4
27	8.	8.1	8.2	8.3	8.4	8.5	8.6	8.7
26	7.4	7.5	7.6	7.7	7.8	7.9	8.	8.1
25	6.8	6.9	7.	7.1	7.2	7.3	7.4	7.5
24	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9
23	5.7	5.8	5.9	6.	6.1	6.1	6.2	6.3
22	5.2	5.3	5.4	5.5	5.5	5.6	5.7	5.8
21	4.8	4.8	4.9	5.	5.	5.1	5.2	5.2
20	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7
19	3.9	3.9	4.	4.	4.1	4.2	4.2	4.3
18	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8

THICKNESS ALLOWANCE TABLE

S Mm	D 10.00	D 10.12	D 10.25	D 10.37	D 10.50	D 10.62	D 10.75	D 10.87
50	31.9	32.3	32.8	33.2	33.7	34.2	34.6	35.1
49	30.5	30.9	31.4	31.8	32.3	32.7	33.1	33.6
48	29.2	29.6	30.	30.4	30.9	31.3	31.7	32.1
47	27.9	28.3	28.7	29.1	29.5	29.9	30.3	30.7
46	26.7	27.1	27.4	27.8	28.2	28.6	28.9	29.3
45	25.5	25.8	26.2	26.5	26.9	27.3	27.6	28.
44	24.3	24.6	25.	25.3	25.6	26.	26.3	26.6
43	23.1	23.5	23.8	24.1	24.4	24.7	25.1	25.4
42	22.	22.3	22.6	22.9	23.2	23.5	23.9	24.2
41	20.9	21.2	21.5	21.8	22.1	22.3	22.6	22.9
40	19.9	20.1	20.4	20.7	21.	21.2	21.5	21.8
39	18.9	19.1	19.4	19.6	19.9	20.1	20.4	20.7
38	17.9	18.1	18.4	18.6	18.9	19.1	19.3	19.6
37	16.9	17.1	17.3	17.6	17.8	18.	18.2	18.5
36	16.	16.2	16.4	16.6	16.8	17.	17.2	17.5
35	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5
34	14.2	14.4	14.6	14.8	15.	15.1	15.3	15.5
33	13.4	13.5	13.7	13.9	14.1	14.2	14.4	14.6
32	12.6	12.7	12.9	13.1	13.2	13.4	13.6	13.7
31	11.8	11.9	12.1	12.2	12.4	12.5	12.7	12.8
30	11.	11.1	11.3	11.4	11.6	11.7	11.9	12.
29	10.3	10.4	10.5	10.6	10.8	10.9	11.1	11.2
28	9.6	9.7	9.8	9.9	10.1	10.2	10.4	10.5
27	8.9	9.	9.1	9.2	9.3	9.4	9.6	9.7
26	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
25	7.6	7.7	7.8	7.9	8.	8.1	8.2	8.3
24	7.	7.1	7.2	7.2	7.3	7.4	7.5	7.6
23	6.4	6.5	6.6	6.6	6.7	6.8	6.9	7.
22	5.8	5.9	6.	6.1	6.1	6.2	6.3	6.4
21	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.8
20	4.8	4.9	4.9	5.	5.1	5.1	5.2	5.2
19	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7
18	3.9	3.9	4.	4.	4.1	4.1	4.2	4.2
17	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8
16	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.4
15	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9
14	2.3	2.4	2.4	2.5	2.5	2.5	2.5	2.6
13	2.	2.	2.1	2.1	2.1	2.1	2.2	2.2
12	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.9
11	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6
10	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3

THICKNESS ALLOWANCE TABLE

S Mm	D 11.00	D 11.25	D 11.50	D 11.75	D 12.00	D 12.25	D 12.50	D 12.75
50	35.6	36.6	37.5	38.5	39.5	40.5	41.6	42.6
49	34.1	35.	35.9	36.8	37.8	38.7	39.7	40.7
48	32.6	33.5	34.3	35.2	36.1	37.	37.9	38.9
47	31.1	31.9	32.8	33.6	34.4	35.3	36.2	37.1
46	29.7	30.5	31.2	32.	32.9	33.7	34.5	35.4
45	28.3	29.1	29.8	30.6	31.3	32.1	32.9	33.8
44	27.	27.7	28.4	29.1	29.8	30.6	31.3	32.
43	25.7	26.4	27.1	27.7	28.4	29.1	29.8	30.5
42	24.5	25.1	25.8	26.4	27.	27.7	28.3	29.
41	23.2	23.8	24.4	25.	25.7	26.3	26.9	27.5
40	22.	22.6	23.2	23.8	24.4	24.9	25.5	26.1
39	20.9	21.5	22.	22.5	23.1	23.6	24.1	24.7
38	19.8	20.3	20.8	21.3	21.8	22.3	22.9	23.4
37	18.8	19.2	19.7	20.2	20.6	21.1	21.7	22.1
36	17.7	18.1	18.6	19.	19.5	19.9	20.4	20.8
35	16.7	17.1	17.5	17.9	18.4	18.8	19.2	19.6
34	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5
33	14.8	15.1	15.5	15.9	16.2	16.6	17.	17.4
32	13.9	14.2	14.6	14.9	15.2	15.6	15.9	16.3
31	13.	13.3	13.6	13.9	14.3	14.6	14.9	15.2
30	12.1	12.4	12.7	13.	13.4	13.7	14.	14.3
29	11.3	11.6	11.9	12.2	12.5	12.8	13.	13.3
28	10.5	10.8	11.	11.3	11.6	11.9	12.1	12.3
27	9.8	10.	10.2	10.5	10.7	11.	11.2	11.4
26	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.6
25	8.4	8.6	8.8	9.	9.2	9.4	9.6	9.8
24	7.7	7.9	8.1	8.2	8.4	8.6	8.8	9.
23	7.1	7.2	7.4	7.5	7.7	7.9	8.1	8.2
22	6.4	6.6	6.7	6.9	7.	7.2	7.3	7.5
21	5.9	6.	6.1	6.3	6.4	6.5	6.6	6.8
20	5.3	5.4	5.5	5.6	5.8	5.9	6.1	6.2
19	4.8	4.9	5.	5.1	5.2	5.3	5.5	5.6
18	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.
17	3.8	3.9	4.	4.1	4.2	4.3	4.4	4.5
16	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.
15	3.	3.	3.1	3.2	3.2	3.3	3.4	3.5
14	2.6	2.6	2.7	2.8	2.8	2.9	2.9	3.
13	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6
12	1.9	1.9	2.	2.	2.1	2.1	2.2	2.2
11	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
10	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5

THICKNESS ALLOWANCE TABLE

S Mm	D 13.00	D 13.25	D 13.50	D 13.75	D 14.00	D 14.25	D 14.50	D 14.75
45	34.5	35.3	36.1	36.9	37.7	38.6	39.5	40.4
44	32.8	33.6	34.3	35.1	35.9	36.7	37.5	38.3
43	31.2	31.9	32.6	33.4	34.1	34.8	35.6	36.4
42	29.6	30.3	31.	31.7	32.4	33.1	33.8	34.5
41	28.1	28.8	29.4	30.1	30.7	31.4	32.	32.7
40	26.7	27.3	27.9	28.5	29.1	29.7	30.3	31.
39	25.2	25.8	26.4	26.9	27.5	28.1	28.7	29.3
38	23.9	24.4	24.9	25.5	26.	26.5	27.1	27.6
37	22.6	23.1	23.6	24.1	24.5	25.1	25.6	26.1
36	21.3	21.7	22.2	22.7	23.1	23.6	24.1	24.6
35	20.1	20.5	20.9	21.4	21.8	22.2	22.7	23.1
34	18.9	19.3	19.7	20.1	20.5	20.9	21.3	21.7
33	17.7	18.1	18.5	18.8	19.2	19.6	20.	20.4
32	16.6	17.	17.3	17.7	18.	18.4	18.7	19.1
31	15.5	15.9	16.2	16.5	16.9	17.2	17.5	17.9
30	14.5	14.8	15.1	15.4	15.7	16.	16.4	16.7
29	13.5	13.8	14.1	14.4	14.7	14.9	15.2	15.5
28	12.6	12.8	13.1	13.4	13.6	13.9	14.1	14.4
27	11.7	11.9	12.1	12.4	12.6	12.9	13.1	13.3
26	10.8	11.	11.2	11.5	11.7	11.9	12.1	12.3
25	10.	10.2	10.4	10.6	10.8	11.	11.2	11.4
24	9.2	9.3	9.5	9.7	9.9	10.1	10.3	10.5
23	8.4	8.6	8.7	8.9	9.1	9.2	9.4	9.6
22	7.7	7.8	8.	8.1	8.3	8.4	8.6	8.7
21	7.	7.1	7.2	7.4	7.5	7.7	7.8	7.9
20	6.3	6.4	6.6	6.7	6.8	6.9	7.1	7.2
19	5.7	5.8	5.9	6.	6.1	6.2	6.4	6.5
18	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8
17	4.5	4.6	4.7	4.8	4.9	5.	5.1	5.2
16	4.	4.1	4.2	4.2	4.3	4.4	4.5	4.6
15	3.5	3.6	3.6	3.7	3.8	3.8	3.9	4.
14	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.5
13	2.6	2.7	2.7	2.8	2.8	2.8	2.9	3.
12	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.5
11	1.9	1.9	2.	2.	2.	2.	2.1	2.1
10	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8

THICKNESS ALLOWANCE TABLE

S Mm	D 15.00	D 15.25	D 15.50	D 15.75	D 16.00	D 16.25	D 16.50	D 16.75
45	41.3	42.2	43.1	44.	45.	46.	47.	48.
44	39.2	40.	40.9	41.8	42.6	43.6	44.5	45.5
43	37.2	38.	38.8	39.6	40.4	41.3	42.1	43.
42	35.2	36.	36.8	37.5	38.3	39.1	39.9	40.7
41	33.4	34.1	34.8	35.5	36.2	36.9	37.7	38.4
40	31.6	32.2	32.9	33.6	34.2	34.9	35.6	36.3
39	29.9	30.5	31.1	31.7	32.3	33.	33.6	34.3
38	28.2	28.8	29.3	29.9	30.5	31.1	31.7	32.3
37	26.6	27.1	27.6	28.2	28.7	29.3	29.9	30.4
36	25.1	25.6	26.1	26.5	27.	27.6	28.1	28.6
35	23.6	24.	24.5	25.	25.4	25.9	26.4	26.9
34	22.2	22.6	23.	23.4	23.9	24.3	24.8	25.2
33	20.8	21.2	21.6	22.	22.4	22.8	23.2	23.6
32	19.5	19.8	20.2	20.6	21.	21.3	21.7	22.1
31	18.2	18.5	18.9	19.2	19.6	19.9	20.3	20.6
30	17.	17.3	17.6	17.9	18.3	18.6	18.9	19.2
29	15.8	16.1	16.4	16.7	17.	17.3	17.6	17.9
28	14.7	15.	15.2	15.5	15.8	16.1	16.3	16.6
27	13.6	13.9	14.1	14.4	14.6	14.8	15.1	15.3
26	12.6	12.8	13.	13.3	13.5	13.7	13.9	14.2
25	11.6	11.8	12.	12.2	12.4	12.6	12.9	13.1
24	10.7	10.8	11.	11.2	11.4	11.6	11.8	12.
23	9.8	9.9	10.1	10.3	10.5	10.6	10.8	11.
22	8.9	9.	9.2	9.4	9.6	9.7	9.8	10.
21	8.1	8.2	8.4	8.5	8.7	8.8	8.9	9.1
20	7.3	7.4	7.6	7.7	7.8	8.	8.1	8.2
19	6.6	6.7	6.8	6.9	7.	7.2	7.3	7.4
18	5.9	6.	6.1	6.2	6.3	6.4	6.5	6.6
17	5.3	5.4	5.4	5.5	5.6	5.7	5.8	5.9
16	4.7	4.7	4.8	4.9	5.	5.	5.1	5.2
15	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.6
14	3.5	3.6	3.7	3.7	3.8	3.8	3.9	4.
13	3.	3.1	3.2	3.2	3.3	3.3	3.4	3.4
12	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9
11	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
10	1.8	1.8	1.8	1.9	1.9	1.9	2.	2.

THICKNESS ALLOWANCE TABLE

S Mm	D 17.00	D 17.25	D 17.50	D 17.75	D 18.00	D 18.25	D 18.50	D 18.75
45	49.	50.1	51.3	52.4	53.5	54.7	56.	57.3
44	46.4	47.4	48.4	49.5	50.5	51.6	52.8	53.9
43	43.9	44.8	45.8	46.8	47.7	48.7	49.7	50.8
42	41.5	42.4	43.2	44.1	45.	45.9	46.9	47.8
41	39.2	40.	40.8	41.6	42.4	43.3	44.2	45.
40	37.	37.7	38.5	39.2	40.	40.8	41.6	42.4
39	35.	35.6	36.3	37.	37.7	38.4	39.1	39.8
38	33.	33.6	34.2	34.8	35.4	36.1	36.8	37.4
37	31.	31.6	32.2	32.7	33.3	33.9	34.5	35.1
36	29.1	29.7	30.2	30.7	31.3	31.9	32.4	33.
35	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9
34	25.7	26.1	26.6	27.1	27.5	28.	28.5	29.
33	24.1	24.5	24.9	25.3	25.7	26.2	26.6	27.
32	22.5	22.9	23.3	23.7	24.	24.5	24.9	25.3
31	21.	21.4	21.7	22.1	22.4	22.8	23.2	23.6
30	19.5	19.9	20.2	20.5	20.9	21.2	21.6	22.
29	18.2	18.5	18.8	19.1	19.4	19.7	20.	20.4
28	16.9	17.1	17.4	17.7	18.	18.3	18.6	18.9
27	15.6	15.8	16.1	16.4	16.7	16.9	17.2	17.5
26	14.4	14.6	14.9	15.1	15.4	15.6	15.9	16.1
25	13.3	13.5	13.7	13.9	14.2	14.4	14.6	14.8
24	12.2	12.4	12.6	12.8	13.	13.2	13.4	13.6
23	11.2	11.3	11.5	11.7	11.9	12.1	12.2	12.4
22	10.2	10.3	10.5	10.7	10.8	11.	11.1	11.3
21	9.3	9.4	9.5	9.7	9.8	10.	10.1	10.3
20	8.4	8.5	8.6	8.8	8.9	9.	9.1	9.3
19	7.5	7.6	7.7	7.9	8.	8.1	8.2	8.4
18	6.7	6.8	6.9	7.	7.1	7.2	7.3	7.5
17	6.	6.1	6.2	6.2	6.3	6.4	6.5	6.6
16	5.3	5.4	5.5	5.5	5.6	5.7	5.8	5.8
15	4.6	4.7	4.8	4.8	4.9	5.	5.1	5.1
14	4.	4.1	4.2	4.2	4.3	4.3	4.4	4.4
13	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8
12	3.	3.	3.1	3.1	3.1	3.2	3.2	3.2
11	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7
10	2.	2.	2.1	2.1	2.1	2.2	2.2	2.2

THICKNESS ALLOWANCE TABLE

S Mm	D 19.00	D 20.00	D 21.00	D 22.00	D 23.00	D 24.00	D 25.00	D 26.00	D 27.00	D 28.00	D 29.00	D 30.00
45	58.5	64.3	71.4	81.								
44	55.1	60.3	66.4	74.2	85.6							
43	51.8	56.5	61.8	68.4	77.1	92.3						
42	48.8	53.	57.8	63.4	70.4	80.4						
41	45.9	49.7	53.8	58.9	64.8	72.4	84.6					
40	43.2	46.6	50.3	54.8	59.8	66.	74.4	91.6				
39	40.6	43.8	47.2	51.	55.4	60.6	67.1	76.5				
38	38.1	41.	44.1	47.6	51.4	55.8	61.1	68.	78.8			
37	35.7	38.4	42.3	44.3	47.7	51.5	56.	61.4	68.6	81.7		
36	33.6	36.	38.6	41.3	44.3	47.7	51.5	55.9	61.4	68.9	85.	
35	31.5	33.7	36.	38.5	41.2	44.3	47.4	51.2	55.6	61.1	68.9	
34	29.4	31.5	33.6	35.9	38.3	40.9	43.8	47.	50.6	54.9	60.4	68.4
33	27.5	29.4	31.3	33.4	35.5	37.9	40.4	43.2	46.3	49.8	54.	59.4
32	25.7	27.3	29.1	31.	33.	35.1	37.4	39.7	42.4	45.4	48.7	52.8
31	23.9	25.5	27.2	28.8	30.6	32.4	34.4	36.6	38.9	41.4	44.2	47.4
30	21.3	23.7	25.2	26.6	28.3	30.	31.8	33.6	35.7	37.8	40.2	42.9
29	20.7	22.	23.3	24.7	26.2	27.7	29.3	30.9	32.7	34.6	36.7	39.9
28	19.2	20.3	21.6	22.8	24.1	25.5	26.9	28.4	30.	31.6	33.4	35.3
27	17.7	18.8	19.9	21.1	22.2	23.5	24.7	26.1	27.5	28.9	30.5	32.1
26	16.3	17.3	18.3	19.4	20.4	21.6	22.7	23.9	25.1	26.4	27.7	29.2
25	15.	15.9	16.8	17.8	18.7	19.7	20.8	21.8	22.9	24.	25.2	26.5
24	13.8	14.6	15.4	16.3	17.1	18.	18.9	19.9	20.9	21.9	22.9	24.
23	12.7	13.3	14.1	14.8	15.6	16.4	17.2	18.1	19.	19.8	20.7	21.7
22	11.5	12.1	12.8	13.5	14.2	14.9	15.6	16.4	17.2	17.9	18.7	19.6
21	10.4	11.	11.6	12.2	12.9	13.5	14.1	14.8	15.5	16.2	16.9	17.6
20	9.4	9.9	10.5	11.	11.6	12.2	12.7	13.3	13.9	14.5	15.1	15.8
19	8.5	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	13.	13.5	14.1
18	7.6	8.	8.4	8.8	9.3	9.7	10.2	10.6	11.1	11.6	12.	12.5
17	6.7	7.1	7.5	7.9	8.2	8.6	9.	9.4	9.8	10.2	10.6	11.1
16	5.9	6.3	6.6	6.9	7.2	7.5	7.9	8.3	8.6	9.	9.4	9.7
15	5.2	5.5	5.8	6.1	6.4	6.7	7.	7.3	7.6	7.9	8.2	8.5
14	4.5	4.8	5.	5.3	5.5	5.8	6.	6.3	6.6	6.8	7.1	7.3
13	3.9	4.1	4.3	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.1	6.3
12	3.3	3.5	3.7	3.8	4.	4.2	4.4	4.6	4.8	4.9	5.1	5.3
11	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.	4.1	4.3	4.4
10	2.3	2.4	2.5	2.6	2.8	2.9	3.	3.1	3.3	3.4	3.5	3.6

KRYPTOK PLANO TABLE

Add	S 16	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25	S 26	S 27	S 28	S 29	S 30
.25			.5	.6	.7	.7	.8	.8	.9	1.	1.1	1.2	1.3	1.4	1.5
.37			.8	.9	1.	1.1	1.2	1.3	1.4	1.6	1.7	1.8	2.	2.1	2.3
.50			1.1	1.2	1.3	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.
.62			1.3	1.5	1.7	1.8	2.	2.2	2.4	2.6	2.8	3.	3.3	3.5	3.8
.75			1.6	1.8	2.	2.2	2.4	2.7	2.9	3.2	3.4	3.7	4.	4.3	4.6
.87			1.9	2.1	2.3	2.5	2.8	3.1	3.3	3.6	3.9	4.2	4.6	4.9	5.2
1.00			2.2	2.4	2.7	2.9	3.2	3.5	3.9	4.2	4.5	4.9	5.3	5.7	6.1
1.12			2.5	2.7	3.	3.3	3.7	4.1	4.4	4.8	5.2	5.6	6.	6.4	6.9
1.25			2.7	3.	3.4	3.7	4.1	4.5	4.9	5.4	5.8	6.2	6.7	7.2	7.7
1.37			3.	3.3	3.7	4.1	4.5	4.9	5.3	5.8	6.3	6.8	7.3	7.9	8.4
1.50			3.3	3.7	4.1	4.5	4.9	5.4	5.9	6.4	6.9	7.5	8.1	8.7	9.3
1.62			3.6	4.	4.4	4.9	5.4	5.9	6.4	7.	7.6	8.2	8.8	9.4	10.1
1.75			3.8	4.3	4.7	5.2	5.8	6.3	6.9	7.5	8.1	8.7	9.4	10.1	10.8
1.87	3.2	3.7	4.1	4.6	5.1	5.6	6.2	6.8	7.4	8.1	8.7	9.4	10.2	10.9	11.7
2.00	3.5	3.9	4.4	4.9	5.5	6.	6.6	7.3	8.	8.7	9.4	10.1	10.9	11.7	12.5
2.12	3.7	4.2	4.7	5.2	5.8	6.4	7.	7.7	8.5	9.2	9.9	10.7	11.6	12.5	13.4
2.25	4.	4.5	5.	5.6	6.2	6.8	7.5	8.2	9.	9.8	10.6	11.4	12.3	13.3	14.3
2.37	4.2	4.7	5.3	5.9	6.6	7.2	8.	8.7	9.5	10.3	11.1	12.	13.	14.	15.
2.50	4.4	5.	5.6	6.2	6.9	7.6	8.4	9.2	10.	10.9	11.8	12.7	13.7	14.8	15.9
2.62	4.6	5.2	5.8	6.5	7.2	8.	8.8	9.7	10.5	11.5	12.4	13.4	14.5	15.6	16.8
2.75	4.8	5.4	6.1	6.8	7.6	8.4	9.2	10.1	11.	12.	13.	14.1	15.2	16.4	17.7
2.87	5.	5.7	6.4	7.2	8.	8.8	9.7	10.6	11.6	12.6	13.7	14.8	16.1	17.3	18.6
3.00	5.3	6.	6.7	7.5	8.4	9.3	10.2	11.2	12.2	13.3	14.4	15.6	16.9	18.2	19.5
3.12	5.5	6.2	7.	7.8	8.7	9.6	10.6	11.6	12.7	13.8	15.	16.3	17.6	19.	
3.25	5.7	6.5	7.3	8.2	9.1	10.1	11.1	12.2	13.3	14.5	15.6	17.1	18.5	19.9	
3.37	5.9	6.7	7.6	8.5	9.4	10.4	11.5	12.7	13.8	15.	16.3	17.7	19.2	20.8	
3.50	6.2	7.1	8.	8.9	9.9	10.9	12.	13.2	14.5	15.7	17.1	18.6	20.1		
3.75	6.6	7.6	8.5	9.5	10.6	11.7	12.9	14.2	15.6	17.	18.5	20.2			
4.00	7.1	8.1	9.1	10.2	11.4	12.6	13.9	15.2	16.7	18.3	20.				
4.25	7.5	8.6	9.7	10.9	12.2	13.5	14.9	16.4	18.	19.7					
4.50	8.1	9.2	10.4	11.6	13.	14.5	16.	17.6	19.4						
4.75	8.6	9.8	11.1	12.4	13.9	15.5	17.2	19.							
5.00	9.1	10.4	11.8	13.3	14.8	16.5	18.3								

MINUS M C T TABLE

1.00
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00		2.2	2.4	2.7	2.9	3.2	3.5	3.9	4.2
.50	1.8	2.	2.2	2.5	2.8	3.1	3.3	3.6	3.9
1.00	1.6	1.8	2.	2.3	2.5	2.8	3.	3.3	3.5
1.50	1.5	1.7	1.9	2.1	2.3	2.6	2.8	3.1	3.3
2.00	1.3	1.5	1.7	1.9	2.1	2.4	2.6	2.9	3.
2.50	1.2	1.4	1.6	1.8	2.	2.2	2.4	2.6	2.8
3.00	1.1	1.2	1.4	1.6	1.8	2.	2.2	2.4	2.6
3.50	1.	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.4
4.00	.9	1.	1.2	1.4	1.6	1.8	1.9	2.	2.2
4.50	.9	1.	1.1	1.3	1.5	1.7	1.8	1.9	2.1
5.00	.8	.9	1.	1.2	1.4	1.6	1.7	1.8	2.
5.50	.8	.9	1.	1.2	1.3	1.5	1.6	1.7	1.9
6.00	.7	.8	.9	1.1	1.2	1.4	1.5	1.6	1.7
6.50	.7	.8	.9	1.1	1.2	1.3	1.4	1.5	1.6
7.00	.6	.7	.8	1.	1.1	1.2	1.3	1.4	1.5
8.00	.5	.6	.7	.8	.9	1.	1.1	1.2	1.3
9.00	.4	.5	.6	.7	.8	.9	1.	1.1	1.2
10.00	.4	.5	.5	.6	.7	.8	.9	1.	1.1

1.50
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00		3.3	3.7	4.1	4.5	4.9	5.4	5.9	6.4
.50	2.7	3.1	3.5	3.9	4.3	4.7	5.1	5.6	6.1
1.00	2.6	2.9	3.3	3.6	4.	4.4	4.8	5.2	5.7
1.50	2.4	2.7	3.1	3.4	3.8	4.1	4.5	4.9	5.4
2.00	2.2	2.5	2.9	3.2	3.5	3.8	4.2	4.6	5.
2.50	2.1	2.4	2.7	3.	3.3	3.6	4.	4.4	4.8
3.00	1.9	2.2	2.5	2.9	3.1	3.4	3.8	4.2	4.5
3.50	1.8	2.1	2.4	2.7	3.	3.3	3.6	4.	4.3
4.00	1.7	2.	2.3	2.6	2.8	3.1	3.4	3.8	4.1
5.00	1.6	1.8	2.1	2.3	2.5	2.8	3.1	3.4	3.7
6.00	1.4	1.6	1.9	2.1	2.3	2.5	2.8	3.1	3.4
7.00	1.3	1.5	1.7	1.9	2.1	2.3	2.6	2.9	3.1
8.00	1.2	1.3	1.5	1.7	1.9	2.1	2.4	2.7	2.9
9.00	1.1	1.2	1.4	1.6	1.8	2.	2.2	2.4	2.6
10.00	1.	1.1	1.3	1.5	1.7	1.8	2.	2.2	2.4
11.00	1.	1.1	1.2	1.4	1.5	1.6	1.8	2.	2.2
12.00	.9	1.	1.1	1.3	1.4	1.5	1.7	1.9	2.1
13.00	.9	1.	1.1	1.2	1.3	1.4	1.6	1.8	2.
15.00	.8	.9	1	1.1	1.2	1.3	1.5	1.6	1.8

2.00
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	4.	4.5	5.	5.5	6.	6.6	7.3	8.	8.7
.50	3.7	4.2	4.7	5.2	5.7	6.2	6.9	7.6	8.3
1.00	3.6	4.	4.4	4.9	5.5	6.	6.6	7.2	7.9
1.50	3.4	3.8	4.3	4.7	5.3	5.8	6.3	6.9	7.6
2.00	3.2	3.6	4.1	4.5	5.	5.5	6.	6.6	7.2
2.50	3.1	3.5	3.9	4.3	4.8	5.3	5.8	6.3	6.9
3.00	2.9	3.3	3.7	4.1	4.6	5.	5.5	6.	6.6
3.50	2.8	3.2	3.6	3.9	4.4	4.8	5.3	5.8	6.3
4.00	2.7	3.	3.4	3.7	4.2	4.6	5.	5.5	6.
4.50	2.6	2.9	3.3	3.6	4.	4.4	4.8	5.3	5.8

1.25
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00		2.7	3.1	3.4	3.8	4.2	4.5	4.9	5.4
.50	2.2	2.5	2.9	3.2	3.6	3.9	4.2	4.6	5.1
1.00	2.1	2.3	2.6	2.9	3.3	3.6	3.9	4.2	4.6
1.50	2.	2.2	2.5	2.7	3.1	3.4	3.7	4.	4.4
2.00	1.8	2.	2.3	2.5	2.9	3.2	3.4	3.7	4.1
2.50	1.7	1.9	2.2	2.4	2.7	3.	3.2	3.5	3.9
3.00	1.6	1.8	2.	2.2	2.5	2.8	3.	3.3	3.7
3.50	1.5	1.7	1.9	2.1	2.4	2.7	2.9	3.1	3.5
4.00	1.4	1.6	1.8	2.	2.3	2.5	2.7	2.9	3.3
4.50	1.3	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.1
5.00	1.2	1.4	1.6	1.8	2.	2.2	2.4	2.6	2.9
5.50	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.8
6.00	1.	1.2	1.4	1.6	1.8	2.	2.2	2.4	2.6
6.50	1.	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5
7.00	.9	1.	1.2	1.4	1.6	1.8	2.	2.2	2.4
8.00	.8	.9	1.1	1.2	1.4	1.6	1.8	2.	2.2
9.00	.7	.8	1.	1.1	1.3	1.5	1.6	1.8	2.
10.00	.6	.7	.9	1.	1.2	1.4	1.5	1.7	1.9

1.75
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00		3.8	4.3	4.7	5.2	5.8	6.3	6.9	7.5
.50	3.3	3.7	4.1	4.5	4.9	5.4	6.	6.6	7.2
1.00	3.2	3.5	3.9	4.2	4.6	5.1	5.7	6.2	6.8
1.50	3.	3.3	3.7	4.	4.4	4.9	5.4	5.9	6.5
2.00	2.8	3.1	3.5	3.8	4.2	4.6	5.1	5.6	6.1
2.50	2.7	3.	3.3	3.6	4.	4.4	4.9	5.4	5.8
3.00	2.5	2.8	3.1	3.4	3.8	4.2	4.6	5.1	5.5
3.50	2.4	2.7	3.	3.3	3.6	4.	4.4	4.9	5.3
4.00	2.3	2.6	2.8	3.1	3.4	3.8	4.2	4.6	5.
5.00	2.1	2.3	2.6	2.8	3.1	3.4	3.8	4.2	4.6
6.00	1.9	2.1	2.3	2.5	2.8	3.1	3.5	3.8	4.2
7.00	1.7	1.9	2.1	2.3	2.6	2.9	3.3	3.6	3.9
8.00	1.6	1.8	2.	2.2	2.4	2.7	3.1	3.4	3.7
9.00	1.5	1.7	1.9	2.1	2.2	2.5	2.8	3.1	3.4
10.00	1.4	1.6	1.8	2.	2.1	2.3	2.6	2.9	3.2
11.00	1.3	1.5	1.7	1.8	1.9	2.1	2.4	2.7	3.
12.00	1.2	1.4	1.6	1.7	1.8	2.	2.2	2.5	2.8
13.00	1.2	1.4	1.5	1.6	1.7	1.9	2.1	2.3	2.6
15.00	1.1	1.2	1.3	1.4	1.5	1.6	1.8	2.	2.2

2.00
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
5.00	2.4	2.8	3.1	3.4	3.8	4.2	4.6	5.1	5.6
5.50	2.3	2.7	3.	3.3	3.7	4.1	4.5	4.9	5.4
6.00	2.2	2.5	2.8	3.1	3.5	3.9	4.3	4.7	5.2
6.50	2.1	2.4	2.7	3.	3.4	3.8	4.2	4.6	5.
7.00	2.	2.3	2.6	2.9	3.3	3.7	4.	4.4	4.8
8.00	1.8	2.1	2.4	2.7	3.1	3.5	3.8	4.2	4.6
9.00	1.7	2.	2.3	2.6	2.9	3.2	3.5	3.9	4.3
10.00	1.6	1.9	2.2	2.4	2.7	3.	3.3	3.6	4.
12.00	1.5	1.7	1.9	2.1	2.4	2.7	2.9	3.2	3.6
15.00	1.3	1.4	1.6	1.7	1.9	2.2	2.4	2.7	3.

MINUS M C T TABLE

2.25
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	4.5	5.	5.6	6.2	6.8	7.5	8.2	9.	9.8
.50	4.3	4.8	5.4	6.	6.6	7.2	7.9	8.7	9.5
1.00	4.2	4.6	5.2	5.7	6.3	6.9	7.6	8.3	9.1
1.50	4.	4.4	5.	5.5	6.1	6.7	7.3	8.	8.8
2.00	3.8	4.2	4.8	5.3	5.8	6.4	7.	7.7	8.4
2.50	3.7	4.1	4.6	5.1	5.6	6.2	6.7	7.4	8.1
3.00	3.5	3.9	4.4	4.9	5.3	5.9	6.4	7.1	7.7
3.50	3.4	3.8	4.2	4.7	5.1	5.7	6.2	6.9	7.4
4.00	3.2	3.6	4.	4.5	4.9	5.4	5.9	6.6	7.1
4.50	3.1	3.5	3.9	4.3	4.7	5.2	5.7	6.4	6.9
5.00	3.	3.3	3.7	4.1	4.5	5.	5.5	6.1	6.7
5.50	2.9	3.2	3.6	4.	4.4	4.8	5.3	5.9	6.5
6.00	2.7	3.	3.4	3.8	4.2	4.6	5.1	5.6	6.3
6.50	2.6	2.9	3.3	3.7	4.1	4.5	5.	5.5	6.1
7.00	2.5	2.8	3.2	3.6	4.	4.4	4.8	5.3	5.9
8.00	2.3	2.6	3.	3.4	3.8	4.2	4.6	5.1	5.6
9.00	2.2	2.5	2.8	3.2	3.5	3.9	4.3	4.8	5.3
10.00	2.1	2.4	2.7	3.	3.3	3.7	4.1	4.5	4.9
12.00	1.9	2.1	2.4	2.6	2.9	3.2	3.6	4.	4.4
14.00	1.8	2.	2.2	2.4	2.6	2.9	3.3	3.7	4.1
15.00	1.7	1.9	2.1	2.2	2.4	2.7	3.	3.4	3.8

2.50
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	5.	5.6	6.2	6.9	7.7	8.4	9.2	10.	10.9
.50	4.8	5.4	6.	6.7	7.3	8.1	8.9	9.7	10.6
1.00	4.7	5.2	5.8	6.4	7.1	7.8	8.6	9.3	10.2
1.50	4.5	5.	5.6	6.2	6.9	7.6	8.3	9.1	9.9
2.00	4.3	4.8	5.4	6.	6.6	7.3	8.	8.7	9.5
2.50	4.2	4.7	5.2	5.8	6.4	7.1	7.7	8.4	9.2
3.00	4.	4.5	5.	5.6	6.1	6.8	7.4	8.1	8.8
3.50	3.9	4.4	4.8	5.4	5.9	6.6	7.2	7.8	8.5
4.00	3.7	4.2	4.6	5.2	5.7	6.3	6.9	7.5	8.2
4.50	3.6	4.1	4.5	5.	5.5	6.1	6.7	7.3	8.
5.00	3.4	3.9	4.3	4.8	5.3	5.9	6.5	7.1	7.7
5.50	3.3	3.8	4.2	4.7	5.1	5.7	6.3	6.9	7.6
6.00	3.2	3.6	4.	4.5	4.9	5.5	6.1	6.6	7.2
6.50	3.1	3.5	3.9	4.4	4.8	5.3	5.9	6.4	7.
7.00	3.	3.4	3.8	4.2	4.6	5.1	5.7	6.2	6.8
8.00	2.8	3.2	3.6	4.	4.4	4.9	5.4	5.9	6.5
9.00	2.6	3.	3.3	3.7	4.1	4.6	5.1	5.6	6.2
10.00	2.5	2.8	3.1	3.5	3.9	4.4	4.9	5.3	5.8
12.00	2.2	2.5	2.8	3.2	3.6	4.	4.4	4.8	5.3
14.00	2.1	2.3	2.5	2.8	3.2	3.6	4.	4.4	4.8
15.00	2	2.2	2.4	2.6	3.	3.4	3.8	4.2	4.6

2.75
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	5.4	6.1	6.8	7.6	8.4	9.2	10.1	11.	12.
.50	5.2	5.9	6.6	7.4	8.1	8.9	9.8	10.7	11.6
1.00	5.	5.7	6.3	7.1	7.8	8.6	9.4	10.3	11.2
1.50	4.8	5.5	6.1	6.9	7.6	8.3	9.1	10.	10.9
2.00	4.6	5.3	5.9	6.6	7.3	8.	8.8	9.6	10.5
2.50	4.5	5.1	5.7	6.4	7.	7.8	8.5	9.3	10.2
3.00	4.3	4.9	5.5	6.2	6.8	7.5	8.2	9.	9.8
3.50	4.2	4.8	5.3	6.	6.6	7.3	8.	8.7	9.5
4.00	4.	4.6	5.1	5.8	6.4	7.	7.7	8.4	9.2
4.50	3.9	4.5	5.	5.6	6.2	6.8	7.5	8.2	9.
5.00	3.8	4.3	4.8	5.4	6.	6.6	7.3	8.	8.7
5.50	3.7	4.2	4.7	5.3	5.8	6.4	7.1	7.8	8.5
6.00	3.5	4.	4.5	5.1	5.6	6.2	6.9	7.5	8.2
7.00	3.3	3.8	4.3	4.8	5.3	5.8	6.5	7.1	7.8
8.00	3.1	3.6	4.1	4.6	5.1	5.6	6.2	6.8	7.5
9.00	2.9	3.4	3.8	4.3	4.8	5.4	5.9	6.5	7.1
10.00	2.8	3.2	3.6	4.1	4.6	5.1	5.6	6.1	6.7
11.00	2.6	3.	3.4	3.9	4.4	4.8	5.3	5.8	6.4
12.00	2.5	2.9	3.3	3.7	4.2	4.6	5.1	5.6	6.1
13.00	2.4	2.8	3.2	3.6	4.	4.4	4.8	5.3	5.8
14.00	2.3	2.6	3.	3.4	3.8	4.2	4.6	5.	5.5
15.00	2.2	2.5	2.8	3.2	3.6	4.	4.4	4.8	5.3

3.00
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	6.	6.7	7.5	8.4	9.3	10.2	11.2	12.2	13.3
.50	5.8	6.5	7.3	8.2	9.	9.9	10.9	11.9	12.9
1.00	5.6	6.2	7.	7.9	8.7	9.6	10.5	11.5	12.5
1.50	5.4	6.1	6.8	7.7	8.5	9.3	10.3	11.2	12.2
2.00	5.2	5.9	6.6	7.4	8.2	9.	10.	10.8	11.8
2.50	5.1	5.7	6.4	7.2	8.	8.7	9.7	10.5	11.5
3.00	4.9	5.5	6.2	7.	7.7	8.4	9.3	10.2	11.1
3.50	4.8	5.4	6.	6.8	7.5	8.2	9.1	9.9	10.8
4.00	4.6	5.2	5.8	6.6	7.3	8.	8.8	9.6	10.5
4.50	4.5	5.1	5.7	6.4	7.1	7.8	8.6	9.4	10.3
5.00	4.4	4.9	5.5	6.2	6.8	7.6	8.4	9.1	10.
5.50	4.3	4.8	5.4	6.	6.7	7.4	8.2	8.9	9.7
6.00	4.1	4.6	5.2	5.8	6.5	7.2	7.9	8.6	9.4
7.00	3.9	4.4	4.9	5.5	6.2	6.8	7.5	8.2	9.
8.00	3.7	4.2	4.7	5.3	5.9	6.5	7.2	7.8	8.6
9.00	3.5	3.9	4.4	5.	5.6	6.2	6.8	7.5	8.2
10.00	3.3	3.7	4.2	4.8	5.3	5.9	6.5	7.1	7.8
11.00	3.1	3.5	4.	4.5	5.1	5.6	6.2	6.8	7.5
12.00	3.	3.3	3.8	4.3	4.9	5.4	6.	6.5	7.1
13.00	2.9	3.2	3.6	4.2	4.7	5.1	5.7	6.2	6.8
14.00	2.7	3.	3.4	4.	4.5	4.9	5.4	5.9	6.5
15.00	2.6	2.9	3.3	3.8	4.3	4.7	5.2	5.7	6.3

MINUS M C T TABLE

3.25
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	6.5	7.3	8.2	9.1	10.1	11.1	12.2	13.4	14.6
.50	6.3	7.1	8.	8.9	9.8	10.8	11.9	13.1	14.2
1.00	6.1	6.9	7.7	8.6	9.5	10.5	11.5	12.7	13.8
1.50	5.9	6.7	7.5	8.4	9.3	10.2	11.2	12.4	13.5
2.00	5.7	6.5	7.3	8.1	9.	9.9	10.9	12.	13.1
2.50	5.6	6.3	7.1	7.9	8.8	9.7	10.6	11.7	12.8
3.00	5.4	6.1	6.9	7.7	8.5	9.4	10.3	11.4	12.4
3.50	5.3	6.	6.7	7.5	8.3	9.2	10.1	11.1	12.1
4.00	5.1	5.8	6.5	7.3	8.1	8.9	9.8	10.8	11.8
4.50	5.	5.7	6.4	7.1	7.9	8.7	9.6	10.6	11.5
5.00	4.9	5.5	6.2	6.9	7.7	8.5	9.3	10.3	11.2
5.50	4.8	5.4	6.1	6.7	7.5	8.3	9.1	10.	10.9
6.00	4.6	5.2	5.9	6.5	7.3	8.	8.8	9.7	10.6
7.00	4.4	4.9	5.5	6.1	6.9	7.6	8.4	9.3	10.1
8.00	4.2	4.7	5.3	5.9	6.6	7.3	8.1	8.9	9.7
9.00	3.9	4.4	5.	5.6	6.3	7.	7.7	8.5	9.3
10.00	3.7	4.2	4.8	5.4	6.	6.6	7.3	8.1	8.9
11.00	3.5	4.	4.6	5.1	5.7	6.3	7.	7.8	8.6
12.00	3.4	3.8	4.4	4.9	5.5	6.1	6.8	7.5	8.2
13.00	3.2	3.7	4.2	4.7	5.3	5.8	6.5	7.2	7.9
14.00	3.1	3.5	4.	4.5	5.1	5.6	6.2	6.9	7.6
15.00	2.9	3.3	3.8	4.3	4.9	5.4	6.	6.7	7.3

3.50
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	7.1	8.	8.9	9.9	10.9	12.	13.2	14.5	15.7
.50	6.8	7.7	8.6	9.6	10.6	11.7	12.9	14.1	15.3
1.00	6.6	7.5	8.3	9.3	10.3	11.4	12.5	13.7	14.9
1.50	6.4	7.3	8.1	9.1	10.1	11.1	12.2	13.3	14.5
2.00	6.2	7.1	7.9	8.8	9.8	10.8	11.9	12.9	14.1
2.50	6.1	6.9	7.7	8.6	9.6	10.5	11.6	12.7	13.8
3.00	5.9	6.7	7.5	8.3	9.3	10.2	11.3	12.3	13.4
3.50	5.8	6.5	7.3	8.1	9.1	10.	11.	12.	13.1
4.00	5.6	6.3	7.1	7.9	8.8	9.7	10.7	11.7	12.8
4.50	5.5	6.2	6.9	7.7	8.6	9.5	10.5	11.5	12.5
5.00	5.3	6.	6.7	7.5	8.4	9.3	10.2	11.2	12.2
5.50	5.2	5.9	6.5	7.3	8.2	9.1	10.	10.9	11.9
6.00	5.	5.7	6.3	7.1	8.	8.8	9.7	10.6	11.6
7.00	4.8	5.4	6.	6.7	7.6	8.4	9.3	10.2	11.2
8.00	4.6	5.2	5.8	6.5	7.3	8.1	8.9	9.7	10.7
9.00	4.3	4.9	5.5	6.2	7.	7.7	8.5	9.3	10.2
10.00	4.1	4.7	5.3	5.9	6.6	7.3	8.1	8.9	9.8
11.00	3.9	4.5	5.	5.6	6.3	7.	7.8	8.6	9.5
12.00	3.7	4.3	4.8	5.4	6.1	6.8	7.6	8.3	9.1
13.00	3.6	4.1	4.6	5.2	5.9	6.5	7.3	8.	8.8
14.00	3.4	3.9	4.4	5.	5.7	6.3	7.	7.7	8.5
15.00	3.2	3.7	4.2	4.8	5.5	6.1	6.8	7.4	8.1

3.75
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	7.6	8.5	9.5	10.6	11.7	12.9	14.2	15.6	17.
.50	7.4	8.3	9.3	10.4	11.4	12.7	14.	15.2	16.6
1.00	7.2	8.1	9.	10.1	11.1	12.4	13.6	14.9	16.2
1.50	7.	7.9	8.8	9.9	10.9	12.1	13.3	14.6	15.8
2.00	6.8	7.7	8.6	9.6	10.6	11.8	13.	14.2	15.4
2.50	6.7	7.5	8.4	9.4	10.4	11.5	12.7	13.9	15.1
3.00	6.5	7.3	8.2	9.1	10.1	11.2	12.4	13.5	14.7
3.50	6.4	7.1	8.	8.9	9.9	11.	12.1	13.2	14.4
4.00	6.2	6.9	7.8	8.7	9.6	10.7	11.8	12.9	14.1
4.50	6.1	6.8	7.6	8.5	9.4	10.5	11.6	12.7	13.8
5.00	5.9	6.6	7.4	8.3	9.2	10.3	11.3	12.4	13.5
5.50	5.8	6.5	7.2	8.1	9.	10.1	11.1	12.1	13.2
6.00	5.6	6.3	7.	7.9	8.8	9.8	10.8	11.8	12.9
7.00	5.4	6.	6.7	7.5	8.4	9.4	10.4	11.4	12.4
8.00	5.2	5.8	6.5	7.3	8.1	9.1	10.	10.9	12.
9.00	4.9	5.5	6.2	7.	7.8	8.7	9.6	10.5	11.5
10.00	4.7	5.3	6.	6.7	7.4	8.3	9.2	10.1	11.
11.00	4.5	5.1	5.7	6.4	7.1	8.	8.9	9.8	10.7
12.00	4.3	4.9	5.5	6.2	6.9	7.8	8.6	9.4	10.3
13.00	4.2	4.7	5.3	6.	6.6	7.5	8.3	9.1	10.
14.00	4.	4.5	5.1	5.8	6.4	7.2	8.	8.8	9.6
15.00	3.8	4.3	4.9	5.6	6.2	7.	7.7	8.4	9.2

4.00
ADD

Minus Sph	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
.00	8.1	9.1	10.2	11.4	12.6	13.9	15.2	16.7	18.3
.50	7.9	8.9	10.	11.1	12.3	13.6	14.9	16.3	17.9
1.00	7.7	8.7	9.7	10.9	12.	13.3	14.5	16.	17.5
1.50	7.5	8.5	9.5	10.7	11.8	13.	14.2	15.7	17.1
2.00	7.3	8.3	9.3	10.4	11.5	12.7	13.9	15.3	16.7
2.50	7.2	8.1	9.1	10.2	11.3	12.4	13.6	15.	16.4
3.00	7.	7.9	8.9	9.9	11.	12.1	13.3	14.6	16.
3.50	6.9	7.7	8.7	9.7	10.8	11.9	13.	14.3	15.7
4.00	6.7	7.5	8.5	9.5	10.5	11.6	12.7	14.	15.4
4.50	6.6	7.3	8.3	9.3	10.3	11.4	12.5	13.7	15.1
5.00	6.4	7.2	8.1	9.1	10.1	11.1	12.2	13.4	14.7
5.50	6.3	7.	7.9	8.9	9.9	10.9	11.9	13.1	14.4
6.00	6.1	7.8	7.7	8.7	9.6	10.6	11.6	12.8	14.1
7.00	5.9	6.5	7.3	8.3	9.2	10.2	11.2	12.4	13.6
8.00	5.6	6.3	7.1	8.	8.9	9.9	10.8	11.9	13.2
9.00	5.3	6.	6.8	7.7	8.6	9.5	10.4	11.5	12.7
10.00	5.1	5.8	6.6	7.4	8.2	9.1	10.	11.1	12.3
11.00	4.9	5.6	6.3	7.1	7.9	8.8	9.7	10.7	11.8
12.00	4.7	5.4	6.1	6.9	7.7	8.5	9.3	10.3	11.4
13.00	4.6	5.2	5.9	6.6	7.4	8.2	9.	10.	11.1
14.00	4.4	5.	5.7	6.4	7.1	7.9	8.7	9.7	10.7
15.00	4.2	4.8	5.5	6.2	6.9	7.6	8.4	9.3	10.3

KRYPTOK PLUS

PLUS
.50

ADD	S 16	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
1.00			2.5	2.8	3.1	3.4	3.7	4.1	4.5	4.9
1.25			3.	3.5	3.8	4.2	4.7	5.	5.5	6.
1.50			3.6	4.	4.5	4.9	5.3	5.9	6.4	7.
1.75			4.2	4.7	5.1	5.6	6.2	6.8	7.4	8.
2.00	3.8	4.2	4.8	5.3	5.8	6.4	7.	7.7	8.5	9.2
2.25	4.3	4.8	5.4	6.	6.6	7.3	8.	8.7	9.6	10.4
2.50	4.7	5.3	5.9	6.6	7.3	8.1	8.9	9.7	10.6	11.5
2.75	5.1	5.7	6.5	7.2	8.	8.8	9.7	10.7	11.6	12.6
3.00	5.6	6.3	7.	7.9	8.8	9.7	10.7	11.7	12.7	13.8
3.25	6.	6.8	7.6	8.6	9.5	10.5	11.6	12.7	13.9	15.1
3.50	6.5	7.4	8.3	9.2	10.2	11.3	12.5	13.7	15.	16.3
3.75	6.9	7.9	8.9	9.9	11.	12.1	13.4	14.7	16.1	17.6
4.00	7.4	8.4	9.4	10.6	11.8	13.	14.4	15.7	17.2	18.9

PLUS
1.00

ADD	S 16	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
1.00	2.3	2.6	2.9	3.2	3.6	4.	4.3	4.7	5.1	5.5
1.25	2.7	3.	3.4	3.9	4.2	4.7	5.2	5.6	6.1	6.6
1.50	3.2	3.5	4.	4.4	4.9	5.4	5.8	6.4	7.	7.6
1.75	3.7	4.1	4.6	5.	5.5	6.1	6.6	7.3	8.	8.6
2.00	4.1	4.5	5.1	5.6	6.2	6.9	7.5	8.2	9.	9.7
2.25	4.6	5.	5.7	6.3	7.	7.7	8.4	9.2	10.1	10.9
2.50	5.	5.5	6.3	6.9	7.7	8.5	9.3	10.2	11.1	12.
2.75	5.4	6.	6.8	7.5	8.3	9.2	10.1	11.1	12.1	13.1
3.00	5.8	6.6	7.3	8.2	9.1	10.1	11.1	12.1	13.2	14.4
3.25	6.3	7.1	7.9	8.9	9.8	10.9	12.	13.1	14.4	15.6
3.50	6.7	7.6	8.5	9.5	10.5	11.7	12.9	14.1	15.5	16.8
3.75	7.2	8.2	9.1	10.2	11.3	12.5	13.9	15.1	16.6	18.1
4.00	7.6	8.7	9.7	10.9	12.1	13.4	14.9	16.1	17.7	19.4

PLUS
1.50

ADD	S 16	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
1.00	2.8	3.	3.3	3.7	4.1	4.6	5.	5.5	5.9	6.4
1.25	3.1	3.4	3.8	4.3	4.7	5.3	5.8	6.3	6.8	7.4
1.50	3.5	3.9	4.4	4.9	5.4	5.9	6.4	7.	7.7	8.3
1.75	4.	4.4	4.9	5.4	6.	6.6	7.1	7.8	8.6	9.3
2.00	4.4	4.9	5.4	6.	6.6	7.3	8.	8.7	9.5	10.3
2.25	4.9	5.4	6.	6.7	7.4	8.1	8.9	9.7	10.6	11.5
2.50	5.3	5.8	6.6	7.3	8.1	8.9	9.8	10.7	11.6	12.6
2.75	5.7	6.3	7.1	7.9	8.7	9.6	10.6	11.6	12.6	13.7
3.00	6.1	6.9	7.6	8.5	9.5	10.5	11.5	12.6	13.7	15.
3.25	6.6	7.4	8.2	9.2	10.2	11.3	12.4	13.6	14.9	16.2
3.50	7.	7.9	8.8	9.8	10.9	12.1	13.3	14.6	16.	17.4
3.75	7.4	8.5	9.4	10.5	11.7	12.9	14.3	15.6	17.1	18.6
4.00	7.8	9.	10.	11.2	12.5	13.8	15.3	16.6	18.2	19.9

KRYPTOK PLUS

PLUS
2.00

ADD	S 16	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
1.00	3.2	3.5	3.8	4.2	4.7	5.3	5.8	6.3	6.8	7.3
1.25	3.5	3.9	4.3	4.8	5.3	5.9	6.5	7.	7.6	8.2
1.50	3.9	4.3	4.8	5.3	5.9	6.5	7.	7.7	8.4	9.1
1.75	4.3	4.8	5.3	5.9	6.5	7.1	7.7	8.4	9.2	10.
2.00	4.7	5.2	5.8	6.5	7.1	7.8	8.5	9.3	10.1	11.
2.25	5.2	5.8	6.4	7.1	7.8	8.6	9.4	10.2	11.2	12.2
2.50	5.6	6.3	6.9	7.7	8.5	9.4	10.3	11.2	12.2	13.3
2.75	6.	6.7	7.4	8.3	9.2	10.1	11.1	12.2	13.2	14.4
3.00	6.4	7.2	8.	8.9	9.9	11.	12.	13.2	14.3	15.6
3.25	6.9	7.7	8.6	9.6	10.6	11.8	12.9	14.2	15.4	16.8
3.50	7.3	8.2	9.2	10.2	11.3	12.4	13.8	15.2	16.5	18.
3.75	7.7	8.8	9.8	10.9	12.1	13.4	14.8	16.2	17.7	19.2
4.00	8.1	9.3	10.4	11.6	12.9	14.3	15.7	17.2	18.8	20.5

PLUS
2.50

ADD	S 16	S 17	S 18	S 19	S 20	S 21	S 22	S 23	S 24	S 25
1.00	3.9	4.3	4.7	5.2	5.8	6.4	7.	7.6	8.2	8.9
1.25	4.1	4.5	5.	5.6	6.3	6.8	7.4	8.1	8.7	9.4
1.50	4.4	4.8	5.4	6.	6.6	7.2	7.8	8.6	9.3	10.1
1.75	4.7	5.3	5.8	6.4	7.1	7.7	8.4	9.2	10.1	10.9
2.00	5.	5.7	6.3	7.	7.6	8.4	9.2	10.	10.9	11.9
2.25	5.5	6.1	6.8	7.6	8.3	9.2	10.	10.9	11.9	13.
2.50	5.9	6.6	7.3	8.1	9.	9.9	10.9	11.8	12.9	14.
2.75	6.3	7.	7.8	8.7	9.7	10.6	11.7	12.8	13.9	15.1
3.00	6.7	7.5	8.4	9.3	10.4	11.5	12.6	13.8	14.9	16.3
3.25	7.2	8.	9.	10.	11.1	12.3	13.4	14.8	16.	17.4
3.50	7.6	8.5	9.5	10.6	11.7	13.	14.3	15.8	17.1	18.6
3.75	8.	9.1	10.1	11.3	12.5	13.8	15.3	16.8	18.2	19.8
4.00	8.4	9.6	10.7	12.	13.3	14.7	16.3	17.8	19.4	21.1

KRYPTOK PLUS

1.00
ADD PLUS
3.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	7.9	8.2	8.5	8.9	9.1	9.4	9.6
24	7.5	7.8	8.1	8.4	8.7	8.9	9.2
23	7.2	7.4	7.7	8.	8.2	8.4	8.7
22	6.8	7.	7.3	7.6	7.7	7.9	8.1
21	6.4	6.6	6.8	7.1	7.3	7.4	7.5
20	6.	6.2	6.4	6.6	6.7	6.8	6.9
19	5.6	5.7	5.9	6.1	6.2	6.3	
18					5.7		

1.25
ADD PLUS
3.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	9.	9.3	9.6	10.	10.2	10.4	10.6
24	8.5	8.7	9.	9.3	9.4	9.6	9.8
23	8.	8.2	8.5	8.7	8.8	9.	9.1
22	7.6	7.8	8.	8.2	8.3	8.4	
21	7.1	7.3	7.5	7.6	7.7		
20	6.6	6.7	6.8	7.	7.1		
19	6.2	6.3	6.4	6.5			
18				5.8			

1.50
ADD PLUS
3.00

S	H 14	H 15	H 16	H 17	H 18		
25	10.	10.2	10.5	10.8	11.1		
24	9.4	9.6	9.9	10.1	10.2		
23	8.8	9.	9.2	9.4	9.5		
22	8.2	8.4	8.5	8.7			
21	7.7	7.8	7.9	8.			
20	7.2	7.4					
19	6.7						
18	6.						

1.75
ADD PLUS
3.00

S	H 14	H 15	H 16	H 17			
25	11.	11.3	11.5	11.8			
24	10.4	10.6	10.7	11.			
23	9.7	9.8	9.9	10.1			
22	9.	9.1	9.2				
21	8.3	8.4					
20	7.7						
19	7.						
18	6.4						

2.00
ADD PLUS
3.00 PLUS
3.00

S	H 14	H 15	H 16		S	2.25 Add	
25	12.2	12.5	12.8		25	13.8	
24	11.4	11.6	11.8		24	12.7	
23	10.6	10.8			23	11.7	
22	9.9				22	10.7	
21	9.1				21	9.7	
20	8.2				20	8.9	
19	7.5				19	8.1	
18	6.8				18	7.2	

PLUS
3.00

S	2.50 ADD	2.75 ADD	3.00 ADD	3.25 ADD	3.50 ADD	3.75 ADD	4.00 ADD
25	14.7	15.7	17.	18.1	19.3	20.5	21.8
24	13.6	14.5	15.6	16.7	17.8	18.9	20.
23	12.5	13.4	14.4	15.4	16.4	17.4	18.4
22	11.5	12.3	13.2	14.	14.9	15.8	16.8
21	10.5	11.2	12.	12.8	13.5	14.3	15.3
20	9.5	10.1	10.9	11.6	12.2	13.	13.8
19	8.6	9.1	9.8	10.5	11.1	11.7	12.4
18	7.7	8.2	8.8	9.4	9.9	10.5	11.1

1.00
ADD PLUS
3.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	8.6	8.9	9.3	9.7	10.1	10.5	10.8
24	8.2	8.5	8.9	9.2	9.7	10.	10.4
23	7.9	8.1	8.5	8.8	9.2	9.5	9.9
22	7.4	7.7	8.1	8.4	8.7	9.	9.4
21	7.	7.3	7.6	7.9	8.2	8.5	8.7
20	6.6	6.9	7.2	7.4	7.7	7.9	8.1
19	6.2	6.4	6.7	6.9	7.2	7.4	
18					6.7		

1.25
ADD PLUS
3.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	9.7	10.	10.4	10.8	11.1	11.5	11.8
24	9.1	9.4	9.8	10.1	10.4	10.7	11.
23	8.6	8.9	9.3	9.5	9.8	10.1	10.3
22	8.2	8.5	8.8	9.	9.3	9.5	9.7
21	7.7	8.	8.2	8.4	8.7	8.8	9.
20	7.2	7.4	7.6	7.8	8.	9.2	
19	6.8	7.	7.2	7.3	7.5		
18					6.7		

1.50
ADD PLUS
3.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	10.7	10.9	11.3	11.6	11.9	12.2	12.6
24	10.	10.3	10.7	10.9	11.2	11.6	11.7
23	9.4	9.7	10.	10.2	10.5	10.8	
22	8.8	9.1	9.3	9.5	9.7	9.9	
21	8.3	8.5	8.7	8.9	9.1		
20	7.8	8.	8.3				
19	7.3	7.6					
18	6.8						

1.75
ADD PLUS
3.50

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	11.7	12.	12.3	12.5	12.8	13.1	
24	11.	11.3	11.5	11.7	12.	12.2	
23	10.3	10.5	10.7	10.9	11.1		
22	9.6	9.8	10.	10.2			
21	8.9	9.1	9.3				
20	8.3	8.5					
19	7.8						
18	6.9						

KRYPTOK PLUS

2.00
ADD PLUS
3.50

S	H 14	H 15	H 16	H 17	H 18		
25	12.8	13.1	13.3	13.5	13.8		
24	12.	12.2	12.4	12.6	12.8		
23	11.2	11.4	11.6	11.7			
22	10.5	10.7	10.8				
21	9.7	9.9					
20	8.9						
19	8.2						
18	7.4						

2.50
ADD PLUS
3.50

S	H 14	H 15	H 16	H 17			
25	15.1	15.3	15.5	15.6			
24	14.1	14.3	14.4				
23	13.1	13.3					
22	12.1						
21	11.1						
20	10.1						
19	9.1						
18	8.2						

1.00
ADD PLUS
4.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	9.2	9.6	10.1	10.6	11.1	11.6	12.
24	8.8	9.2	9.7	10.1	10.7	11.1	11.5
23	8.4	8.8	9.3	9.7	10.2	10.6	11.
22	8.	8.4	8.9	9.3	9.7	10.1	10.5
21	7.6	8.	8.4	8.8	9.2	9.6	9.9
20	7.2	7.5	8.	8.3	8.7	9.1	9.3
19	6.8	7.1	7.5	7.8	8.2	8.5	
18					7.7		

1.50
ADD PLUS
4.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	11.3	11.6	12.1	12.5	12.9	13.2	13.4
24	10.6	11.	11.5	11.8	12.2	12.4	12.6
23	10.	10.4	10.8	11.1	11.4	11.6	11.8
22	9.4	9.8	10.1	10.4	10.6	10.8	10.9
21	8.9	9.2	9.5	9.7	9.9	10.1	10.2
20	8.4	8.6	8.9	9.	9.2	9.3	
19	7.8	8.	8.2	8.3	8.5	8.6	
18					7.7		

2.00
ADD PLUS
4.00

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	13.4	13.8	14.1	14.4	14.7	14.8	
24	12.6	12.9	13.2	13.5	13.7	13.8	
23	11.8	12.	12.3	12.5	12.7		
22	11.	11.2	11.5	11.7			
21	10.2	10.4	10.6				
20	9.5	9.7					
19	8.8						
18	8.						

2.25
ADD PLUS
3.50

S	H 14	H 15	H 16	H 17		
25	14.	14.2	14.4	14.7		
24	13.1	13.3	13.4	13.6		
23	12.2	12.3	12.4			
22	11.2	11.5				
21	10.3					
20	9.4					
19	8.7					
18	7.8					

PLUS
3.50

S	2.75 ADD	3.00 ADD	3.25 ADD	3.50 ADD	3.75 ADD	4.00 ADD
25	16.6	17.8	18.8	19.9	21.1	22.4
24	15.3	16.3	17.4	18.4	19.5	20.6
23	14.1	15.1	16.	17.	18.	19.
22	13.	13.8	14.6	15.5	16.4	17.4
21	11.8	12.6	13.3	14.1	14.9	15.8
20	10.7	11.5	12.1	12.7	13.5	14.3
19	9.6	10.3	11.	11.5	12.2	12.9
18	8.7	9.3	9.9	10.3	11.	11.6

1.25
ADD PLUS
4.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	10.3	10.7	11.2	11.7	12.1	12.5	12.9
24	9.7	10.1	10.6	11.	11.4	11.8	12.1
23	9.2	9.6	10.1	10.4	10.8	11.2	11.4
22	8.8	9.2	9.6	9.9	10.3	10.6	10.8
21	8.3	8.7	9.	9.3	9.7	9.9	10.
20	7.8	8.1	8.4	8.7	9.	9.2	9.3
19	7.4	7.6	7.9	8.2	8.4	8.5	
18					7.7		

1.75
ADD PLUS
4.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	12.3	12.7	13.1	13.4	13.8	14.	14.1
24	11.6	12.	12.3	12.6	12.9	13.	13.1
23	10.9	11.2	11.5	11.8	12.	12.1	12.2
22	10.2	10.4	10.7	10.9	11.	11.1	11.2
21	9.5	9.7	10.	10.1	10.2	10.3	
20	8.8	9.	9.2	9.3	9.4		
19	8.2	8.4	8.5	8.6			
18			7.8				

2.25
ADD PLUS
4.00

S	H 14	H 15	H 16	H 17	H 18		
25	14.6	14.9	15.2	15.5	15.7		
24	13.7	13.9	14.2	14.4	14.5		
23	12.7	12.9	13.2	13.3			
22	11.8	12.1	12.2	12.3			
21	10.9	11.1	11.2				
20	10.1	10.3					
19	9.3						
18	8.4						

KRYPTOK PLUS

2.50
ADD PLUS
4.00

S	H 14	H 15	H 16	H 17	H 18		
25	15.7	16.	15.3	16.4	16.6		
24	14.7	15.	15.2	15.3			
23	13.7	13.9	14.1				
22	12.7	12.8	13.				
21	11.8						
20	10.8						
19	9.8						
18	8.8						

2.75
ADD PLUS
4.00

S	H 14	H 15	H 16	H 17			
25	16.8	17.	17.3	17.5			
24	15.7	15.9	16.1				
23	14.6	14.7	14.9				
22	13.4	13.6					
21	12.5						
20	11.3						
19	10.2						
18	9.3						

3.00
ADD PLUS
4.00 3.25
ADD PLUS
4.00

S	H 14	H 15	H 16	S	H 14	H 15	H 16
25	18.	18.2	18.5	25	19.4	19.5	19.7
24	16.8	17.	17.1	24	18.	18.2	
23	15.6	15.8		23	16.7		
22	14.4			22	15.2		
21	13.2			21	13.9		
20	12.			20	12.6		
19	10.8			19	11.4		
18	9.8			18	10.3		

PLUS
4.00

S	3.50 ADD	3.75 ADD	4.00 ADD				
25	20.7	22.	23.2				
24	19.1	20.3	21.3				
23	17.5	18.5	19.5				
22	16.	17.	18.				
21	14.6	15.4	16.2				
20	13.2	14.	14.8				
19	12	12.7	13.3				
18	10.8	11.4	12.				

1.00
ADD PLUS
4.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	9.8	10.3	10.9	11.5	12.1	12.7	13.2
24	9.4	9.9	10.5	11.	11.6	12.2	12.7
23	9.	9.5	10.1	10.6	11.2	11.7	12.2
22	8.6	9.1	9.7	10.2	10.6	11.2	11.7
21	8.2	8.7	9.2	9.7	10.1	10.7	11.1
20	7.8	8.3	8.8	9.2	9.6	10.2	10.6
19	7.4	7.9	8.3	8.7	9.1	9.6	
18					8.6		

1.25
ADD PLUS
4.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	10.9	11.4	12.	12.6	13.1	13.6	14.1
24	10.3	10.8	11.4	11.9	12.4	12.9	13.3
23	9.8	10.3	10.9	11.3	11.8	12.3	12.6
22	9.4	9.9	10.4	10.8	11.3	11.7	12.
21	8.9	9.4	9.8	10.2	10.6	11.	11.3
20	8.4	8.9	9.2	9.6	10.	10.3	10.6
19	8.	8.4	8.7	9.1	9.4	9.6	
18					8.7		

1.50
ADD PLUS
4.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	11.9	12.3	12.9	13.4	13.8	14.2	14.6
24	11.3	11.7	12.3	12.7	13.1	13.4	13.8
23	10.7	11.1	11.6	12.	12.3	12.6	13.
22	10.1	10.5	10.9	11.3	11.5	11.8	12.1
21	9.6	9.9	10.3	10.6	10.8	11.1	11.4
20	9.	9.3	9.7	9.9	10.1	10.3	10.6
19	8.4	8.7	9.	9.2	9.4	9.6	
18					8.6		

1.75
ADD PLUS
4.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	13.	13.4	13.9	14.3	14.7	15.1	15.3
24	12.3	12.7	13.1	13.5	13.8	14.1	14.3
23	11.6	11.9	12.3	12.7	12.9	13.1	13.3
22	10.9	11.1	11.5	11.8	12.	12.1	12.3
21	10.2	10.4	10.8	11.	11.1	11.2	11.5
20	9.5	9.7	10.	10.2	10.3	10.5	
19	8.9	9.1	9.3	9.5	9.6		
18					8.6		

2.00
ADD PLUS
4.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	14	14.5	14.9	15.4	15.7	15.9	16.1
24	13.2	13.6	14.	14.4	14.7	14.9	15.1
23	12.4	12.7	13.1	13.4	13.6	13.8	14.
22	11.6	11.9	12.3	12.5	12.6	12.8	
21	10.8	11.1	11.4	11.5	11.7		
20	10.	10.3	10.5	10.7			
19	9.3	9.5	9.7				
18	8.8						

2.25
ADD PLUS
4.50

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	15.3	15.6	16.	16.4	16.6	17.	
24	14.4	14.6	15.	15.3	15.5	15.7	
23	13.4	13.6	14.	14.2	14.3		
22	12.5	12.7	13.	13.2			
21	11.6	11.8	12.1				
20	10.8	11.1					
19	10.						
18	9.1						

KRYPTOK PLUS

2.50
ADD

PLUS
4.50

S	H 14	H 15	H 16	H 17	H 18		
25	16.4	16.7	17.1	17.3	17.6		
24	15.4	15.7	15.9	16.1	16.3		
23	14.4	14.6	14.8	15.			
22	13.4	13.6	13.9				
21	12.4	12.6					
20	11.4						
19	10.4						
18	9.5						

3.00
ADD

PLUS
4.50

S	H 14	H 15	H 16	D 17			
25	18.7	19.	19.3	19.5			
24	17.5	17.7	17.9				
23	16.3	16.6					
22	15.2						
21	13.9						
20	12.7						
19	11.5						
18	10.3						

1.00
ADD

PLUS
5.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	10.4	11.1	11.7	12.4	13.	13.7	14.4
24	10.	10.7	11.3	11.9	12.6	13.2	13.9
23	9.7	10.3	10.9	11.5	12.2	12.7	13.4
22	9.3	9.9	10.5	11.1	11.6	12.2	12.9
21	8.9	9.5	10.	10.6	11.1	11.7	12.3
20	8.5	9.	9.6	10.1	10.6	11.2	11.7
19	8.1	8.6	9.1	9.6	10.1	10.6	
18					9.6		

1.50
ADD

PLUS
5.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	12.5	13.1	13.7	14.3	14.8	15.2	15.8
24	11.9	12.5	13.1	13.6	14.1	14.5	15.
23	11.3	11.9	12.4	12.9	13.3	13.7	14.2
22	10.7	11.3	11.7	12.2	12.5	12.9	13.3
21	10.2	10.7	11.1	11.5	11.8	12.2	12.5
20	9.6	10.1	10.5	10.8	11.1	11.4	11.7
19	9.1	9.5	9.8	10.1	10.4	10.6	
18					9.6		

2.00
ADD

PLUS
5.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	14.7	15.3	15.7	16.2	16.6	16.9	17.3
24	13.9	14.4	14.8	15.3	15.6	15.9	16.1
23	13.1	13.5	13.9	14.3	14.6	14.8	15.
22	12.3	12.7	13.1	13.4	13.6	13.7	13.9
21	11.5	11.9	12.2	12.4	12.6	12.7	12.8
20	10.7	11.1	11.3	11.5	11.6	11.7	
19	10.	10.3	10.4	10.6			
18				9.7			

2.75
ADD

PLUS
4.50

S	H 14	H 15	H 16	H 17	H 18		
25	17.4	17.7	18.1	18.3	18.5		
24	16.4	16.6	16.8	17.			
23	15.4	15.6	15.8				
22	14.2	14.4					
21	13.2						
20	12.1						
19	10.9						
18	9.9						

PLUS
4.50

S	<u>3.25</u> ADD	<u>3.50</u> ADD	<u>3.75</u> ADD	<u>4.00</u> ADD			
25	20.6	21.6	22.8	24.			
24	19.	19.9	21.	22.			
23	17.4	18.2	19.2	20.2			
22	15.9	16.7	17.7	18.6			
21	14.6	15.3	16.1	16.9			
20	13.3	13.9	14.6	15.4			
19	12.	12.5	13.2	13.8			
18	10.8	11.3	11.9	12.4			

1.25
ADD

PLUS
5.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	11.5	12.2	12.8	13.5	14.	14.6	15.3
24	11.	11.6	12.2	12.8	13.3	13.9	14.5
23	10.5	11.1	11.7	12.2	12.7	13.3	13.8
22	10.1	10.7	11.2	11.7	12.2	12.7	13.1
21	9.6	10.2	10.6	11.1	11.6	12.	12.4
20	9.1	9.6	10.	10.5	10.9	11.3	11.7
19	8.7	9.1	9.5	10.	10.3	10.6	
18					9.6		

1.75
ADD

PLUS
5.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	13.6	14.2	14.7	15.2	15.7	16.1	16.5
24	12.9	13.5	13.9	14.4	14.8	15.1	15.5
23	12.2	12.7	13.1	13.6	13.9	14.2	14.5
22	11.5	11.9	12.3	12.7	13.	13.2	13.5
21	10.7	11.2	11.6	11.9	12.1	12.3	12.6
20	10.1	10.5	10.8	11.1	11.3	11.5	11.7
19	9.5	9.9	10.1	10.3	10.5	10.	
18					9.6		

2.25
ADD

PLUS
5.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	15.9	16.4	16.8	17.3	17.6	17.8	18.
24	15.	15.4	15.8	16.2	16.4	16.6	16.7
23	14.	14.4	14.8	15.1	15.2	15.3	15.4
22	13.1	13.5	13.8	14.	14.1	14.2	
21	12.2	12.6	12.8	12.9	13.		
20	11.4	11.7	11.8	11.9			
19	10.6	10.7	10.8				
18			9.8				

KRYPTOK PLUS

2.50 PLUS
ADD 5.00

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	17.	17.5	17.9	18.2	18.5	18.8	
24	16.	16.4	16.7	17.	17.2	17.4	
23	15.	15.4	15.6	15.9	16.		
22	14.	14.3	14.5	14.8			
21	13.	13.2	13.5				
20	12.	12.3					
19	11.2						
18	10.2						

275 PLUS
ADD 5.00

S	H 14	H 15	H 16	H 17	H 18		
25	18.	18.5	18.9	19.2	19.5		
24	17.	17.3	17.6	17.9	18.		
23	15.9	16.2	16.4	16.6			
22	14.8	15.	15.2				
21	13.7	14.					
20	12.6	12.8					
19	11.6						
18	10.4						

3.00 PLUS
ADD 5.00

S	H 14	H 15	H 16	H 17	H 18		
25	19.3	19.8	20.1	20.3	20.5		
24	18.1	18.5	18.7	18.9	19.		
23	16.9	17.2	17.3	17.4			
22	15.7	15.9	16.				
21	14.5	14.7					
20	13.4						
19	12.1						
18	10.9						

3.25 PLUS
ADD 5.00

S	H 14	H 15	H 16	H 17			
25	20.6	21.	21.3	21.5			
24	19.2	19.6	19.8	19.9			
23	17.9	18.1	18.2				
22	16.5	16.7					
21	15.3						
20	13.9						
19	12.6						
18	11.3						

3.50 PLUS
ADD 5.00

S	H 14	H 15	H 16	H 17			
25	21.7	22.1	22.3	22.5			
24	20.3	20.5	20.7				
23	19.						
22	17.4						
21	15.9						
20	14.4						
19	13.1						
18	11.7						

3.75 PLUS 4.00 PLUS
ADD 5.00 ADD 5.00

S	H 14	H 15	H 17		S	H 14	H 15
25	23.	23.4	23.7		25	24.4	24.8
24	21.4	21.6	21.8		24	22.5	22.8
23	19.9	20.1			23	20.9	
22	18.4				22	19.2	
21	16.7				21	17.5	
20	15.2				20	15.9	
19	13.7				19	14.3	
18	12.3				18	12.8	

1.00 PLUS
ADD 5.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	11.	11.8	12.5	13.3	14.	14.8	15.6
24	10.6	11.4	12.1	12.8	13.6	14.3	15.1
23	10.3	11.	11.7	12.4	13.2	13.8	14.6
22	9.9	10.6	11.3	12.	12.7	13.3	14.1
21	9.5	10.1	10.8	11.5	12.1	12.8	13.5
20	9.1	9.7	10.4	11.	11.6	12.3	12.9
19	8.7	9.3	9.9	10.4	11.1	11.7	
18					10.6		

1.25 PLUS
ADD 5.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	21.1	22.9	23.6	24.4	25.	25.7	26.5
24	21.6	22.3	23.	23.7	24.3	25.	25.7
23	21.1	21.8	22.5	23.1	23.7	24.4	25.
22	20.7	21.4	22.	22.6	23.2	23.8	24.3
21	20.2	20.9	21.4	22.	22.6	23.1	23.6
20	19.7	20.3	20.8	21.4	21.9	22.4	22.9
19	19.3	19.8	20.3	21.3	21.7		
18				20.6			

1.50 PLUS
ADD 5.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	13.1	13.8	14.5	15.2	15.8	16.4	17.
24	12.5	13.2	13.9	14.5	15.1	15.6	16.2
23	11.9	12.6	13.2	13.8	14.3	14.7	15.4
22	11.3	12.	12.5	13.1	13.5	14.	14.5
21	10.8	11.4	11.9	12.4	12.8	13.3	13.7
20	10.2	10.8	11.3	11.7	12.1	12.6	12.9
19	9.7	10.2	10.6	11.	11.4	11.7	
18					10.6		

1.75 PLUS
ADD 5.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	14.2	14.9	15.5	16.1	16.7	17.2	17.7
24	13.5	14.2	14.7	15.3	15.8	16.2	16.7
23	12.8	13.4	13.9	14.5	14.9	15.3	15.7
22	12.1	12.6	13.1	13.6	14.	14.4	14.7
21	11.3	11.9	12.4	12.8	13.1	13.5	13.8
20	10.7	11.2	11.6	12.	12.3	12.6	12.9
19	10.1	10.6	10.9	11.2	11.5	11.7	
18					10.6		

KRYPTOK PLUS

2.00
ADD

PLUS
5.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	15.3	16.	16.5	17.1	17.6	18.	18.5
24	14.5	15.1	15.6	16.2	16.6	17.	17.3
23	13.7	14.2	14.7	15.2	15.6	15.9	16.2
22	12.9	13.4	13.9	14.3	14.6	14.8	15.1
21	12.1	12.6	13.	13.3	13.6	13.8	14.
20	11.3	11.8	12.1	12.4	12.6	12.8	13.
19	10.6	11.	11.2	11.5	11.6		
18					10.6		

2.25
ADD

PLUS
5.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	16.5	17.1	17.6	18.2	18.6	18.9	19.2
24	15.6	16.1	16.6	17.1	17.4	17.7	17.9
23	14.6	15.1	15.6	16.	16.2	16.4	16.6
22	13.7	14.2	14.6	14.9	15.1	15.3	
21	12.8	13.3	13.6	13.8	14.		
20	12.	12.4	12.6	12.8	13.		
19	11.2	11.4	11.6	11.7			
18				10.7			

2.50
ADD

PLUS
5.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	17.6	18.2	18.7	19.1	19.5	19.8	20.
24	16.6	17.1	17.5	17.9	18.2	18.5	18.6
23	15.6	16.1	16.4	16.8	17.	17.2	
22	14.6	15.	15.3	15.7	15.9		
21	13.6	13.9	14.2	14.5			
20	12.6	12.9	13.1				
19	11.6	11.8					
18	11.						

2.75
ADD

PLUS
5.50

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	18.6	19.2	19.7	20.1	20.4	20.6	
24	17.6	18.	18.4	18.7	19.	19.2	
23	16.5	16.9	17.2	17.5	17.7		
22	15.3	15.7	16.	16.2			
21	14.3	14.6	14.8				
20	13.2	13.5	13.6				
19	12.1	12.3					
18	11.2						

3.00
ADD

PLUS
5.50

S	H 14	H 15	H 16	H 17	H 18		
25	19.9	20.5	20.9	21.2	21.5		
24	18.7	19.2	19.5	19.8	20.		
23	17.5	17.9	18.1	18.4			
22	16.3	16.6	16.9				
21	15.1	15.3	15.5				
20	13.9	14.1					
19	12.7						
18	11.5						

3.25
ADD

PLUS
5.50

S	H 14	H 15	H 16	H 17	H 18		
25	21.2	21.8	22.1	22.4	22.7		
24	19.8	20.3	20.6	20.8	20.9		
23	18.5	18.8	19.	19.2			
22	17.1	17.4	17.6				
21	15.8	16.1					
20	14.6						
19	13.3						
18	11.9						

3.50
ADD

PLUS
5.50

S	H 14	H 15	H 16	H 17			
25	22.3	22.8	23.1	23.4			
24	20.9	21.2	21.5	21.6			
23	19.5	19.7	19.9				
22	18.	18.2					
21	16.5	16.7					
20	15.1						
19	13.6						
18	12.3						

3.75
ADD

PLUS
5.50

4.00
ADD

PLUS
5.00

S	H 14	H 15	H 16	S	H 14	H 15	H 16
25	23.6	24.1	24.5	25	24.9	25.3	25.6
24	22.	22.3	22.6	24	23.1	23.4	23.6
23	20.5	20.7	20.9	23	21.5	21.7	
22	19.2			22	19.9		
21	17.4			21	18.1		
20	15.8			20	16.5		
19	14.3			19	14.9		
18	12.9			18	13.4		

1.00
ADD

PLUS
6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	11.6	12.7	13.3	14.2	15.	15.9	16.8
24	11.2	12.1	12.9	13.7	14.6	15.4	16.3
23	10.9	11.7	12.5	13.3	14.1	14.9	15.8
22	10.5	11.3	12.1	12.9	13.6	14.4	15.3
21	10.1	10.9	11.6	12.4	13.3	13.9	14.7
20	9.7	10.4	11.2	11.9	12.6	13.4	14.1
19	9.3	10.	10.7	11.4	12.1	12.8	
18					11.6		

1.25
ADD

PLUS
6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	12.7	13.6	14.4	15.3	16.	16.8	17.7
24	12.2	13.	13.8	14.6	15.3	16.1	16.9
23	11.7	12.5	13.3	14.	14.7	15.6	16.2
22	11.3	12.1	12.8	13.5	14.2	14.9	15.5
21	10.8	11.6	12.2	12.9	13.6	14.2	14.8
20	10.3	11.	11.6	12.3	12.9	13.5	14.1
19	9.9	10.5	11.1	11.8	12.3	12.8	
18					11.6		

KRYPTOK PLUS

1.50 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	13.7	14.5	15.3	16.1	16.8	17.5	18.2
24	13.1	13.9	14.7	15.4	16.1	16.7	17.4
23	12.5	13.3	14.	14.7	15.3	15.9	16.6
22	11.9	12.7	13.3	14.	14.5	15.1	15.7
21	11.4	12.1	12.7	13.3	13.8	14.4	14.9
20	10.9	11.5	12.1	12.6	13.1	13.6	14.1
19	10.3	10.9	11.4	11.9	12.4	12.8	
18					11.6		

2.00 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	15.9	16.7	17.3	18.	18.6	19.1	19.7
24	15.1	15.8	16.4	17.1	17.6	18.1	18.5
23	14.3	14.9	15.5	16.1	16.6	17.	17.4
22	13.5	14.1	14.7	15.2	15.6	15.9	16.3
21	12.7	13.3	13.8	14.2	14.6	14.9	15.2
20	11.9	12.5	12.9	13.3	13.6	13.8	14.1
19	11.2	11.7	12.	12.4	12.6	12.8	
18					11.6		

2.50 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	18.2	18.9	19.5	20.	20.5	20.9	21.3
24	17.2	17.8	18.3	18.8	19.2	19.5	19.7
23	16.2	16.8	17.2	17.7	18.	18.2	18.3
22	15.2	15.7	16.1	16.5	16.7	16.8	16.9
21	14.2	14.6	15.	15.3	15.4	15.5	
20	13.2	13.6	13.9	14.1	14.2		
19	12.2	12.6	12.8	12.9			
18			11.7				

3.00 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	20.5	21.2	21.7	22.1	22.4	22.6	22.8
24	19.3	19.9	20.3	20.7	20.9	21.1	
23	18.1	18.6	18.9	19.2	19.4		
22	16.8	17.3	17.6	17.8			
21	15.7	16.	16.3				
20	14.5	14.9					
19	13.4						
18	12.1						

3.50 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17			
25	22.9	23.5	23.9	24.3			
24	21.5	21.9	22.2	22.5			
23	20.1	20.4	20.8				
22	18.6	19.					
21	17.1	17.4					
20	15.8						
19	14.3						
18	12.9						

1.75 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	14.8	15.6	16.3	17.	17.7	18.3	18.9
24	14.1	14.9	15.6	16.2	16.8	17.3	17.9
23	13.4	14.1	14.7	15.4	15.9	16.4	16.9
22	12.7	13.3	13.9	14.5	15.	15.4	15.9
21	12.	12.6	13.2	13.7	14.1	14.5	15.
20	11.3	11.9	12.4	12.9	13.2	13.7	14.1
19	10.7	11.3	11.7	12.1	12.5	12.8	
18					11.6		

2.25 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	17.1	17.8	18.4	19.1	19.6	20.	20.4
24	16.2	16.8	17.4	18.	18.4	18.8	19.1
23	15.2	15.8	16.4	16.9	17.2	17.5	17.8
22	14.3	14.9	15.4	15.8	16.1	16.3	16.6
21	13.4	14.	14.4	14.7	14.9	15.1	15.3
20	12.6	13.1	13.4	13.7	13.8	14.	14.1
19	11.8	12.2	12.4	12.6	12.7	12.8	
18					11.6		

2.75 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	19.2	19.9	20.5	21.	21.4	21.6	21.9
24	18.2	18.7	19.2	19.7	19.9	20.1	20.3
23	17.1	17.6	18.	18.4	18.5	18.7	18.8
22	15.9	16.4	16.8	17.	17.1	17.2	
21	14.9	15.3	15.6	15.7	15.8		
20	13.8	14.2	14.3	14.4			
19	12.7	13.	13.1				
18	11.8						

3.25 PLUS
ADD 6.00

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	21.8	22.5	22.9	23.3	23.5	23.7	
24	20.4	21.	21.4	21.7	21.8	21.9	
23	19.1	19.5	19.8	20.	20.1		
22	17.7	18.1	18.3	18.4			
21	16.4	16.7	16.8				
20	15.1	15.3					
19	13.9						
18	12.5						

3.75 PLUS 4.00 PLUS
ADD 6.00 ADD 6.00

S	H 14	H 15	H 16	S	H 14	H 15	H 16
25	24.2	24.8	25.2	25	25.5	26.	26.4
24	22.6	23.1	23.4	24	23.7	24.1	24.4
23	21.1	21.4	21.7	23	22.1	22.3	22.4
22	19.5	19.7	19.9	22	20.3	20.6	
21	17.9	18.1		21	18.7	18.8	
20	16.5			20	17.1		
19	14.9			19	15.4		
18	13.4			18	13.9		

KRYPTOK PLUS

1.00
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	12.3	13.2	14.1	15.1	16.	17.1	18.1
24	11.9	12.8	13.7	14.6	15.6	16.6	17.6
23	11.6	12.4	13.3	14.2	15.1	16.1	17.1
22	11.2	12.	12.9	13.8	14.6	15.6	16.6
21	10.8	11.6	12.4	13.3	14.1	15.1	16.
20	10.4	11.1	12.	12.8	13.6	14.6	15.4
19	10.	10.7	11.5	12.3	13.1	14.	
18					12.6		

1.75
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	15.5	16.3	17.1	17.9	18.7	19.5	20.2
24	14.8	15.6	16.4	17.1	17.8	18.5	19.2
23	14.1	14.8	15.5	16.3	16.9	17.6	18.2
22	13.4	14.	14.7	15.4	16.	16.6	17.2
21	12.7	13.3	14.	14.6	15.1	15.7	16.3
20	12.	12.6	13.2	13.8	14.2	14.9	15.4
19	11.4	12.	12.5	13.	13.5	14.	
18					12.6		

2.25
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	17.8	18.5	19.2	20.	20.6	21.2	21.7
24	16.9	17.6	18.2	18.9	19.4	20.	20.4
23	15.9	16.5	17.2	17.8	18.2	18.7	19.1
22	15.	15.6	16.2	16.7	17.1	17.5	17.9
21	14.1	14.7	15.2	15.6	15.9	16.3	16.6
20	13.3	13.8	14.2	14.6	14.8	15.2	15.4
19	12.5	12.9	13.2	13.5	13.7	14.	
18					12.6		

2.75
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	19.9	20.6	21.3	21.9	22.4	22.8	23.2
24	18.9	19.4	20.	20.6	20.9	21.3	21.6
23	17.8	18.3	18.8	19.3	19.5	19.9	20.1
22	16.7	17.1	17.6	17.9	18.1	18.4	18.6
21	15.6	16.	16.4	16.6	16.8	17.	
20	14.5	14.9	15.2	15.4	15.6		
19	13.4	13.7	14.1				
18		12.7					

3.25
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	22.5	23.2	23.7	24.2	24.6	25.	
24	21.4	21.7	22.2	22.6	22.9	23.2	
23	19.8	20.2	20.6	20.9	21.2		
22	18.4	18.8	19.1	19.3	19.4		
21	17.1	17.4	17.6	17.7			
20	15.8	16.	16.1				
19	14.6						
18	13.2						

1.50
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	14.4	15.2	16.1	17.1	17.8	18.7	19.5
24	13.8	14.6	15.5	16.3	17.1	17.9	18.7
23	13.2	14.	14.8	15.6	16.3	17.1	17.9
22	12.6	13.4	14.1	14.9	15.5	16.3	17.
21	12.1	12.8	13.5	14.2	14.8	15.6	16.2
20	11.6	12.2	12.9	13.5	14.1	14.8	15.4
19	11.	11.6	12.2	12.9	13.4	14.	
18					12.6		

2.00
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	16.6	17.4	18.1	18.9	19.6	20.3	21.
24	15.8	16.5	17.2	18.	18.6	19.3	19.8
23	15.	15.6	16.3	17.	17.6	18.2	18.7
22	14.2	14.8	15.5	16.1	16.6	17.1	17.6
21	13.4	14.	14.6	15.1	15.6	16.1	16.5
20	12.6	13.2	13.7	14.2	14.6	15.	15.4
19	11.9	12.4	12.8	13.3	13.6	14.	
18					12.6		

2.50
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	18.9	19.6	20.3	20.9	21.5	22.1	22.5
24	17.9	18.5	19.1	19.7	20.2	20.7	21.
23	16.9	17.5	18.	18.6	19.	19.4	19.6
22	15.9	16.4	16.9	17.4	17.7	18.	18.2
21	14.9	15.3	15.8	16.2	16.4	16.7	16.9
20	13.9	14.3	14.7	15.	15.2	15.4	
19	12.9	13.3	13.6	13.8	14.		
18				12.7			

3.00
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	21.2	21.9	22.5	23.	23.4	23.8	24.1
24	20.	20.6	21.1	21.6	21.9	22.2	22.3
23	18.8	19.3	19.7	20.1	20.3	20.6	20.7
22	17.6	18.	18.4	18.6	18.8	19.	
21	16.4	16.7	17.	17.2	17.3		
20	15.2	15.4	15.7	15.9			
19	13.9	14.1	14.3				
18	12.7						

3.50
ADD

PLUS
6.50

S	H 14	H 15	H 16	H 17	H 18		
25	23.6	24.2	24.7	25.1	25.4		
24	22.2	22.6	23.	23.4	23.7		
23	20.8	21.1	21.4	21.8			
22	19.3	19.6	19.9				
21	17.9	18.2					
20	16.3	16.6					
19	15.						
18	13.6						

KRYPTOK PLUS

3.75 PLUS
ADD 6.50

S	H 14	H 15	H 16	H 17	H 18		
25	24.9	25.5	26.	26.4	26.7		
24	23.3	23.8	24.2	24.5	24.7		
23	21.8	22.2	22.5	22.6			
22	20.2	20.5	20.7				
21	18.6	18.9					
20	17.2						
19	15.6						
18	14.1						

4.00 PLUS
ADD 6.50

S	H 14	H 15	H 16	H 17	H 18		
25	26.2	26.7	27.2	27.5	27.7		
24	24.4	24.8	25.2	25.4			
23	22.7	23.	23.3				
22	21.1	21.4					
21	19.5						
20	17.8						
19	16.1						
18	14.5						

1.00 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	12.9	13.9	14.9	16.	17.	18.2	19.3
24	12.5	13.5	14.5	15.5	16.6	17.7	18.8
23	12.2	13.1	14.1	15.1	16.1	17.2	18.3
22	11.8	12.7	13.7	14.7	15.6	16.7	17.8
21	11.4	12.3	13.2	14.2	15.1	16.2	17.2
20	11.	11.8	12.8	13.7	14.6	15.7	16.6
19	10.6	11.4	12.3	13.2	14.1	15.1	
18				13.6			

1.50 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	15.	15.9	16.9	17.9	18.8	19.8	20.7
24	14.4	15.3	16.3	17.2	18.1	19.	19.9
23	13.8	14.7	15.6	16.5	17.3	18.2	19.1
22	13.2	14.1	14.9	15.8	16.5	17.4	18.2
21	12.7	13.5	14.3	15.1	15.8	16.7	17.4
20	12.2	12.9	13.7	14.4	15.1	15.9	16.6
19	11.6	12.3	13.	13.7	14.4	15.1	
18					13.6		

1.75 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	16.1	17.	17.9	18.8	19.7	20.6	21.4
24	15.4	16.3	17.1	18.	18.8	19.6	20.4
23	14.7	15.5	16.3	17.2	17.9	18.7	19.4
22	14.	14.7	15.5	16.3	17.	17.7	18.4
21	13.3	14.	14.8	15.5	16.1	16.8	17.5
20	12.6	13.3	14.	14.7	15.2	16.	16.6
19	12.	12.7	13.3	13.9	14.5	15.1	
18				13.6			

2.00 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	17.2	18.1	18.9	19.8	20.6	21.4	22.2
24	16.4	17.2	18.	18.9	19.6	20.4	21.
23	15.6	16.3	17.1	17.9	18.6	19.3	19.9
22	14.8	15.5	16.3	17.	17.6	18.2	18.8
21	14.	14.7	15.4	16.	16.6	17.2	17.7
20	13.2	13.9	14.5	15.1	15.6	16.1	16.6
19	12.5	13.1	13.6	14.2	14.6	15.1	
18					13.6		

2.25 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	18.4	19.2	20.	20.9	21.6	22.3	22.9
24	17.5	18.2	19.	19.8	20.4	21.1	21.6
23	16.5	17.2	18.	18.7	19.2	19.8	20.3
22	15.6	16.3	17.	17.6	18.1	18.6	19.1
21	14.7	15.4	16.	16.5	16.9	17.4	17.8
20	13.9	14.5	15.	15.5	15.8	16.3	16.8
19	13.1	13.6	14.	14.4	14.7	15.1	
18				13.6			

2.50 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	19.5	20.3	21.1	21.8	22.5	23.2	23.7
24	18.5	19.2	19.9	20.6	21.2	21.8	22.2
23	17.5	18.1	18.8	19.5	20.	20.5	20.8
22	16.5	17.1	17.7	18.2	18.7	19.1	19.4
21	15.5	16.	16.6	17.1	17.4	17.7	18.
20	14.5	15.	15.5	15.9	16.2	16.4	16.6
19	13.5	14.	14.4	14.7	14.9	15.1	
18					13.6		

2.75 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	20.6	21.4	22.2	22.8	23.4	23.9	24.4
24	19.5	20.2	20.8	21.5	21.9	22.4	22.8
23	18.4	19.	19.6	20.2	20.5	21.	21.3
22	17.2	17.8	18.4	18.8	19.1	19.5	19.6
21	16.2	16.7	17.2	17.5	17.8	18.	18.1
20	15.1	15.6	15.9	16.2	16.5	16.6	
19	14.	14.4	14.6	14.9	15.	15.1	
18				13.6			

3.00 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	21.8	22.6	23.3	23.9	24.4	24.9	25.3
24	20.6	21.3	21.9	22.5	22.8	23.3	23.5
23	19.4	20.	20.5	21.	21.3	21.7	21.8
22	18.2	18.7	19.2	19.5	19.8	20.	20.1
21	17.	17.4	17.8	18.1	18.3	18.4	
20	15.8	16.2	16.4	16.7	16.8		
19	14.5	14.8	15.	15.2			
18			13.7				

KRYPTOK PLUS

3.25 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	23.1	23.9	24.5	25.1	25.5	25.9	26.1
24	21.7	22.4	23.	23.5	23.8	24.1	24.2
23	20.4	20.9	21.4	21.8	22.	22.2	22.3
22	19.	19.5	19.9	20.2	20.3	20.4	
21	17.7	18.1	18.4	18.6	18.7		
20	16.4	16.7	16.9	17.			
19	15.1	15.3	15.4				
18		13.9					

3.75 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	25.5	26.2	26.8	27.3	27.5	27.8	
24	23.9	24.5	25.	25.4	25.5	25.7	
23	22.4	22.9	23.3	23.5	23.6		
22	20.8	21.2	21.5	21.7			
21	19.2	19.5	19.7				
20	17.7	17.9					
19	16.2						
18	14.7						

1.00 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	13.6	14.6	15.7	16.9	18.	19.3	20.6
24	13.2	14.2	15.3	16.4	17.6	18.8	20.1
23	12.9	13.8	14.9	16.	17.1	18.3	19.6
22	12.5	13.4	14.5	15.6	16.6	17.8	19.1
21	12.1	13.	14.	15.1	16.1	17.3	18.5
20	11.7	12.5	13.6	14.6	15.6	16.8	17.9
19	11.3	12.1	13.1	14.1	15.1	16.2	
18					14.7		

1.75 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	16.8	17.7	18.7	19.7	20.8	21.7	22.7
24	16.1	17.	17.9	18.9	19.9	20.7	21.7
23	15.4	16.2	17.1	18.1	19.	19.8	20.7
22	14.7	15.2	16.3	17.2	18.1	18.8	19.7
21	14.	14.7	15.6	16.7	17.2	17.9	18.8
20	13.3	14.	14.8	15.6	16.3	17.1	17.9
19	12.7	13.4	14.1	14.8	15.6	16.2	
18					14.6		

2.25 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	19.1	19.9	20.8	21.8	22.7	23.4	24.2
24	18.2	18.9	19.8	20.7	21.5	22.2	22.9
23	17.2	17.9	18.8	19.6	20.3	20.9	21.6
22	16.3	17.	17.8	18.5	19.2	19.7	20.4
21	15.4	16.1	16.8	17.4	18.	18.5	19.1
20	14.6	15.2	15.8	16.4	16.9	17.4	17.9
19	13.8	14.3	14.8	15.4	15.8	16.2	
18					14.6		

3.50 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	24.3	24.9	25.6	26.1	26.4	26.7	26.9
24	22.8	23.3	23.8	24.3	24.5	24.7	24.8
23	21.4	21.9	22.2	22.6	22.7	22.8	
22	19.8	20.2	20.6	20.8	20.9		
21	18.4	18.7	19.	19.1			
20	16.9	17.2	17.3				
19	15.5	15.7					
18	14.2						

4.00 PLUS
ADD 7.00

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	26.8	27.4	28.	28.4	28.6	28.9	
24	25.	25.5	26.	26.3	26.4		
23	23.2	23.7	24.1	24.3			
22	21.6	22.	22.2				
21	20.	20.3					
20	18.5						
19	16.7						
18	15.1						

1.50 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	15.7	16.6	17.7	18.8	19.9	20.9	22.
24	15.1	16.	17.1	18.1	19.2	20.1	21.2
23	14.5	15.4	16.4	17.4	18.4	19.3	20.4
22	13.9	14.8	15.7	16.7	17.6	18.5	19.5
21	13.4	14.2	15.1	16.	16.9	17.8	18.7
20	12.9	13.6	14.5	15.3	16.2	17.	17.9
19	12.3	13.	13.8	14.6	15.5	16.2	
18					14.6		

2.00 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	17.9	18.8	19.7	20.7	21.7	22.6	23.5
24	17.1	17.9	18.8	19.8	20.7	21.5	22.3
23	16.3	17.	17.9	18.8	19.6	20.4	21.2
22	15.6	16.2	17.1	17.9	18.7	19.3	20.1
21	14.7	15.4	16.2	16.9	17.7	18.3	19.
20	13.9	14.6	15.3	15.9	16.7	17.2	17.9
19	13.2	13.8	14.4	15.	15.7	16.2	
18					14.6		

2.50 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	20.2	21.	21.9	22.7	23.6	24.3	25.
24	19.2	19.9	20.7	21.5	22.3	22.9	23.5
23	18.2	18.8	19.6	20.4	21.1	21.6	22.1
22	17.2	17.8	18.5	19.2	19.8	20.2	20.7
21	16.2	16.7	17.4	18.	18.5	18.8	19.3
20	15.2	15.7	16.3	16.8	17.2	17.5	17.9
19	14.2	14.7	15.2	15.6	15.9	16.2	
18					14.7		

KRYPTOK PLUS

2.75 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	21.2	22.1	23.	23.7	24.5	25.1	25.7
24	20.1	20.9	21.7	22.4	23.	23.5	24.1
23	19.	19.7	20.4	21.1	21.6	22.1	22.6
22	17.9	18.5	19.2	19.7	20.2	20.6	21.
21	16.9	17.4	18.	18.4	18.8	19.2	19.4
20	15.8	16.3	16.7	17.1	17.5	17.7	17.9
19	14.7	15.1	15.4	15.8	16.1	16.2	
18					14.7		

3.25 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	23.8	24.6	25.3	26.	26.6	27.	27.4
24	22.4	23.1	23.8	24.4	24.9	25.2	25.5
23	21.1	21.6	22.2	22.7	23.1	23.3	23.5
22	19.7	20.2	20.7	21.1	21.4	21.5	21.7
21	18.4	18.8	19.2	19.4	19.6	19.8	
20	17.1	17.4	17.7	17.9	18.		
19	15.8	16.	16.2	16.4			
18			14.8				

3.75 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	26.2	26.9	27.6	28.2	28.6	28.9	29.1
24	24.6	25.2	25.8	26.3	26.6	26.8	27.
23	23.1	23.6	24.1	24.4	24.6	24.7	
22	21.5	21.9	22.3	22.5	22.7		
21	19.9	20.2	20.4	20.6			
20	18.4	18.6	18.8				
19	16.9	17.					
18	15.4						

1.00 PLUS
ADD 8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	14.2	15.3	16.5	17.8	19.1	20.4	21.8
24	13.8	14.9	16.1	17.3	18.7	19.9	21.3
23	13.5	14.5	15.7	16.9	18.2	19.4	20.8
22	13.1	14.1	15.3	16.6	17.7	18.9	20.3
21	12.7	13.7	14.8	16.	17.2	18.4	19.7
20	12.3	13.2	14.4	15.5	16.7	17.9	19.1
19	11.9	12.8	13.9	15.	16.2	17.4	
18					15.7		

1.75 PLUS
ADD 8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	17.4	18.4	19.5	20.6	21.8	22.8	23.9
24	16.7	17.7	18.7	19.8	20.9	21.8	22.9
23	16.	16.9	17.9	19.	20.	20.9	21.9
22	15.3	16.1	17.1	18.1	19.1	20.9	21.9
21	14.6	15.4	16.4	17.3	18.2	19.	20.
20	13.9	14.7	15.6	16.5	17.3	18.2	19.1
19	13.3	14.1	14.9	15.7	16.6	17.3	
18					15.7		

3.00 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	22.5	23.3	24.1	24.8	25.5	26.	26.6
24	21.3	22.	22.7	23.4	23.9	24.4	24.8
23	20.1	20.7	21.3	21.9	22.4	22.8	23.1
22	18.9	19.4	20.	20.4	20.9	21.2	21.4
21	17.7	18.1	18.6	19.	19.4	19.6	19.7
20	16.5	16.9	17.2	17.6	17.8	18.	
19	15.2	15.5	15.8	16.1	16.3		
18				14.7			

3.50 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	24.9	25.6	26.4	27.	27.5	27.8	28.1
24	23.4	24.	24.6	25.2	25.6	25.8	26.
23	22.	22.5	23.	23.5	23.8	24.	24.1
22	20.5	20.9	21.4	21.7	21.9	22.	
21	19.1	19.4	19.8	20.	20.2		
20	17.6	17.9	18.1	18.3			
19	16.2	16.4	16.6				
18		15.					

4.00 PLUS
ADD 7.50

S	H 14	H 15	H 16	H 17	H 18	H 19	
25	27.5	28.1	28.8	29.3	29.7	30.	
24	25.7	26.2	26.8	27.2	27.5	27.6	
23	23.9	24.4	24.8	25.1	25.2	25.3	
22	22.3	22.7	23.	23.2	23.3		
21	20.7	20.9	21.1	21.2			
20	19.1	19.2	19.3				
19	17.4	17.5					
18	15.8						

1.50 PLUS
ADD 8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	16.3	17.3	18.5	19.7	20.9	22.	23.2
24	15.7	16.7	17.9	19.	20.2	21.2	22.4
23	15.1	16.1	17.2	18.3	19.4	20.4	21.6
22	14.5	15.5	16.5	17.6	18.6	19.6	20.7
21	14.	14.9	15.9	16.9	17.9	18.9	19.9
20	13.5	14.3	15.3	16.2	17.2	18.1	19.1
19	12.9	13.7	14.6	15.5	16.5	17.3	
18					15.7		

2.00 PLUS
ADD 8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	18.5	19.5	20.5	21.6	22.6	23.6	24.6
24	17.7	18.6	19.6	20.7	21.7	22.6	23.5
23	16.9	17.7	18.7	19.7	20.6	21.5	22.4
22	16.1	16.9	17.9	18.8	19.7	20.4	21.3
21	15.3	16.1	17.	17.8	18.7	19.4	20.2
20	14.5	15.3	16.1	16.9	17.6	18.3	19.1
19	13.8	14.5	15.2	16.	16.7	17.2	
18					15.7		

KRYPTOK PLUS

2.25
ADD PLUS
8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	19.7	20.6	21.6	22.7	23.7	24.6	25.4
24	18.8	19.6	20.6	21.6	22.5	23.3	24.1
23	17.8	18.6	19.6	20.6	21.3	22.	22.8
22	16.9	17.7	18.6	19.4	20.2	20.8	21.6
21	16.	16.8	17.6	18.3	19.	19.6	20.3
20	15.2	15.9	16.6	17.3	17.9	18.5	19.1
19	14.4	15.	15.6	16.2	16.8	17.3	
18					15.7		

2.75
ADD PLUS
8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	21.8	22.7	23.7	24.6	25.5	26.1	26.9
24	20.7	21.5	22.4	23.3	24.	24.6	25.3
23	19.6	20.4	21.2	22.	22.6	23.2	23.8
22	18.5	19.2	20.	20.6	21.2	21.7	22.2
21	17.5	18.1	18.8	19.3	19.8	20.3	20.7
20	16.4	17.	17.5	18.	18.5	18.8	19.1
19	15.3	15.8	16.2	16.7	17.1	17.3	
18					15.7		

3.25
ADD PLUS
8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	24.4	25.3	26.1	26.9	27.6	28.1	28.6
24	23.1	23.8	24.6	25.3	25.9	26.3	26.7
23	21.7	22.3	23.	23.6	24.1	24.4	24.8
22	20.3	20.9	21.5	22.	22.4	22.6	22.8
21	19.	19.5	20.	20.4	20.7	20.9	21.
20	17.7	18.1	18.5	18.8	19.	19.2	
19	16.4	16.7	17.	17.2	17.4		
18				15.7			

3.75
ADD PLUS
8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	26.8	27.6	28.4	29.1	29.6	30.	30.2
24	25.2	25.9	26.6	27.2	27.6	27.9	28.
23	23.7	24.2	24.9	25.3	25.7	25.8	
22	22.1	22.6	23.1	23.4	23.7		
21	20.5	20.9	21.2	21.5	21.6		
20	19.	19.3	19.5	19.7			
19	17.5	17.7	17.8				
18		16.1					

1.00
ADD PLUS
8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	14.8	16.	17.3	18.7	20.2	21.6	23.1
24	14.4	15.6	16.9	18.2	19.8	21.1	22.6
23	14.1	15.2	16.5	17.8	19.3	20.6	22.1
22	13.7	14.8	16.1	17.4	18.8	20.1	21.6
21	13.3	14.4	15.6	16.9	18.3	19.6	21.
20	12.9	13.9	15.2	16.4	17.8	19.1	20.4
19	12.5	13.5	14.7	15.9	17.3	18.6	
18					16.8		

2.50
ADD PLUS
8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	20.8	21.7	22.7	23.6	24.6	25.4	26.2
24	19.8	20.6	21.5	22.4	23.3	24.	24.7
23	18.8	19.6	20.4	21.3	22.1	22.7	23.3
22	17.8	18.5	19.3	20.1	20.8	21.3	21.9
21	16.8	17.4	18.2	18.9	19.5	19.9	20.5
20	15.8	16.4	17.1	17.8	18.2	18.6	19.1
19	14.8	15.4	16.	16.5	16.9	17.3	
18					15.7		

3.00
ADD PLUS
8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	23.1	24.	24.9	25.7	26.5	27.1	27.8
24	21.9	22.7	23.5	24.3	24.9	25.6	26.
23	20.7	21.4	22.1	22.8	23.4	23.9	24.3
22	19.5	20.1	20.8	21.3	21.9	22.2	22.6
21	18.3	18.8	19.4	19.9	20.4	20.6	20.9
20	17.1	17.6	18.	18.5	18.8	19.1	
19	15.8	16.2	16.6	17.	17.3		
18				15.7			

3.50
ADD PLUS
8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	25.5	26.3	27.1	27.8	28.5	28.9	29.3
24	24.	24.7	25.4	26.1	26.6	26.9	27.2
23	22.6	23.2	23.8	24.4	24.8	25.	25.3
22	21.1	21.6	22.2	22.6	22.9	23.1	23.2
21	19.7	20.1	20.6	20.9	21.1	21.2	
20	18.2	18.6	18.9	19.1	19.3		
19	16.8	17.1	17.3	17.5			
18			15.8				

4.00
ADD PLUS
8.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	28.1	28.8	29.6	30.2	30.7	31.	31.1
24	26.3	26.9	27.6	28.1	28.5	28.6	28.7
23	24.5	25.1	25.6	26.	26.2	26.3	
22	22.9	23.4	23.8	24.1	24.2		
21	21.3	21.6	21.9	22.1			
20	19.7	19.9	20.1				
19	18.1	18.2					
18	16.4						

1.50
ADD PLUS
8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	16.9	18.	19.3	20.6	22.	23.2	24.5
24	16.3	17.4	18.7	19.9	21.3	22.4	23.7
23	15.7	16.8	18.	19.2	20.6	21.6	22.9
22	15.1	16.2	17.2	18.5	19.7	20.8	22.
21	14.6	15.6	16.7	17.8	19.	20.1	21.2
20	14.1	15.	16.1	17.1	18.3	19.3	20.4
19	13.6	14.4	15.4	16.4	17.6	18.5	
18					16.8		

KRYPTOK PLUS

1.75 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	18.	19.1	20.3	21.5	22.9	24.	25.2
24	17.3	18.4	19.5	20.7	22.	23.	24.2
23	16.6	17.6	18.7	19.9	21.1	22.1	23.2
22	15.9	16.8	17.9	19.	20.2	21.2	22.2
21	15.2	16.1	17.2	18.2	19.3	20.2	21.3
20	14.5	15.4	16.4	17.4	18.4	19.4	20.4
19	13.9	14.8	15.7	16.6	17.7	18.5	
18					16.8		

2.00 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	19.1	20.2	21.3	22.5	23.7	24.8	26.
24	18.3	19.3	20.4	21.6	22.8	23.8	24.8
23	17.5	18.4	19.5	20.6	21.8	22.7	23.7
22	16.7	17.6	18.7	19.7	20.8	21.6	22.6
21	15.9	16.8	17.8	18.7	19.8	20.6	21.5
20	15.1	16.	16.9	17.8	18.8	19.5	20.4
19	14.4	15.2	16.	16.9	17.8	18.5	
18					16.8		

2.25 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	20.3	21.3	22.4	23.6	24.8	25.7	26.7
24	19.4	20.3	21.4	22.5	23.6	24.5	25.4
23	18.4	19.3	20.4	21.4	22.4	23.2	24.1
22	17.5	18.4	19.4	20.3	21.3	22.	22.9
21	16.6	17.5	18.4	19.2	20.1	20.8	21.6
20	15.8	16.6	17.4	18.2	19.	19.7	20.4
19	15.	15.7	16.4	17.1	17.9	18.5	
18					16.8		

2.50 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	21.4	22.4	23.5	24.5	25.6	26.4	27.5
24	20.4	21.3	22.3	23.3	24.4	25.3	26.2
23	19.4	20.3	21.2	22.2	23.2	24.	24.7
22	18.4	19.2	20.1	21.	21.9	22.5	23.3
21	17.4	18.1	19.	19.8	20.6	21.1	21.8
20	16.4	17.1	17.9	18.7	19.3	19.8	20.4
19	15.4	16.1	16.8	17.4	18.	18.5	
18					16.8		

2.75 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	22.4	23.4	24.5	25.6	26.5	27.3	28.2
24	21.3	22.2	23.2	24.2	25.1	25.8	26.6
23	20.2	21.1	22.	22.9	23.7	24.4	24.1
22	19.1	19.9	20.8	21.5	22.3	22.9	23.5
21	18.1	18.8	19.6	20.2	21.	21.5	22.
20	17.	17.7	18.3	18.9	19.6	20.	20.4
19	15.9	16.5	17.6	18.2	18.3	18.5	
18					16.8		

3.00 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	23.7	24.7	25.7	26.6	27.5	28.3	29.1
24	22.5	23.4	24.3	25.2	26.	26.7	27.3
23	21.3	22.1	22.9	23.7	24.5	25.1	25.6
22	20.1	20.8	21.6	22.2	23.	23.4	23.9
21	18.9	19.6	20.2	20.8	21.5	21.8	22.1
20	17.7	18.3	18.8	19.4	19.9	20.2	20.4
19	16.4	16.9	17.4	17.9	18.3	18.5	
18					16.8		

3.25 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	25.	26.	26.9	27.8	28.6	29.3	29.9
24	23.7	24.5	25.4	26.2	27.	27.5	28.
23	22.3	23.	23.8	24.5	25.2	25.6	26.1
22	20.9	21.6	22.3	22.9	23.5	23.8	24.1
21	19.6	20.2	20.8	21.3	21.8	22.1	22.3
20	18.3	18.8	19.3	19.7	20.1	20.3	20.4
19	17.	17.4	17.8	18.1	18.4	18.5	
18					16.8		

3.50 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	26.1	27.	27.9	28.7	29.5	30.1	30.6
24	24.6	25.4	26.2	27.	27.7	28.1	28.6
23	23.1	23.9	24.6	25.3	25.9	26.2	26.6
22	21.7	22.3	23.	23.6	24.	24.3	24.5
21	20.3	20.8	21.4	21.9	22.2	22.4	22.5
20	18.8	19.3	19.7	20.1	20.4	20.5	
19	17.4	17.8	18.1	18.4	18.5		
18					16.8		

3.75 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	27.4	28.3	29.2	30.	30.7	31.2	31.6
24	25.8	26.8	27.4	28.1	28.7	29.1	29.3
23	24.3	24.9	25.7	26.2	26.8	27.	27.2
22	22.7	23.3	23.9	24.3	24.8	25.	25.1
21	21.1	21.6	22.	22.4	22.7	22.8	
20	19.6	20.	20.3	20.6	20.8		
19	18.1	18.3	18.6	18.7			
18			16.9				

4.00 PLUS
ADD 8.50

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	28.7	29.5	30.4	31.1	31.7	32.2	32.4
24	26.9	27.6	28.4	29.1	29.6	29.8	30.
23	25.1	25.8	26.4	27.	27.3	27.5	
22	23.5	24.1	24.5	25.	25.3		
21	21.9	22.3	22.7	23.	23.1		
20	20.3	20.6	20.8	21.1			
19	18.6	18.8	19.				
18			17.2				

KRYPTOK PLUS

1.00
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	15.4	16.8	18.2	19.7	21.2	22.8	24.4
24	15.	16.4	17.8	19.2	20.8	22.3	23.9
23	14.7	16.	17.4	18.8	20.3	21.8	23.4
22	14.3	14.6	17.	18.4	19.8	21.3	22.9
21	13.9	15.2	16.5	17.9	19.3	20.8	22.3
20	13.5	14.7	16.1	17.4	18.8	20.3	21.7
19	13.1	14.3	15.6	16.9	18.3	19.7	
18					17.8		

1.75
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	18.6	19.9	21.2	22.5	23.9	25.2	26.5
24	17.9	19.2	20.4	21.7	23.	24.2	25.5
23	17.2	18.4	19.6	20.9	22.1	23.3	24.5
22	16.5	17.6	18.8	20.	21.2	22.3	23.5
21	15.8	16.9	18.1	19.2	20.3	21.4	22.6
20	15.1	16.2	17.3	18.4	19.4	20.6	21.7
19	14.5	15.6	16.6	17.6	18.7	19.7	
18					17.8		

2.25
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	20.9	22.1	23.3	24.6	25.8	26.9	28.
24	20.	21.1	22.3	23.5	24.6	25.7	26.7
23	19.	20.1	21.3	22.4	23.4	24.4	25.4
22	18.1	19.2	20.3	21.3	22.3	23.2	24.2
21	17.2	18.3	19.3	20.2	21.1	22.	22.9
20	16.4	17.4	18.3	19.2	20.	20.9	21.7
19	15.6	16.5	17.3	18.1	18.9	19.7	
18					17.8		

2.75
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	23.	24.2	25.4	26.5	27.6	28.5	29.5
24	21.9	23.	24.1	25.2	26.1	27.	27.9
23	20.8	21.9	22.9	23.9	24.7	25.6	26.4
22	19.7	20.7	21.7	22.5	23.3	24.1	24.8
21	18.7	19.6	20.5	21.2	22.	22.7	23.3
20	17.6	18.5	19.2	19.9	20.6	21.2	21.7
19	16.5	17.3	17.9	18.6	19.2	19.7	
18					17.8		

3.25
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	25.6	26.8	27.8	28.8	29.7	30.5	31.2
24	24.3	25.3	26.3	27.2	28.	28.7	29.3
23	22.9	23.8	24.7	25.5	26.2	26.8	27.4
22	21.5	22.4	23.2	23.9	24.5	25.	25.5
21	20.2	21.	21.7	22.3	22.8	23.3	23.6
20	18.7	19.6	20.2	20.7	21.1	21.6	21.7
19	17.6	18.2	18.7	19.1	19.5	19.7	
18					17.8		

1.50
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	17.5	18.8	20.2	21.6	23.	24.4	25.8
24	16.9	18.2	19.6	20.9	22.3	23.6	25.
23	16.3	17.6	18.9	20.2	21.5	22.8	24.2
22	15.7	17.	18.2	19.5	20.7	22.	23.3
21	15.2	16.4	17.6	18.8	20.	21.3	22.5
20	14.7	15.8	17.	18.1	19.3	20.5	21.7
19	14.1	15.2	16.3	17.4	18.6	19.7	
18					17.8		

2.00
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	19.7	21.	22.2	23.5	24.8	26.	27.3
24	18.9	20.1	21.3	22.6	23.8	25.	26.1
23	18.1	19.2	20.4	21.6	22.7	23.9	25.
22	17.3	18.4	19.6	20.7	21.8	22.8	23.9
21	16.5	17.6	18.7	19.7	20.8	21.8	22.8
20	15.7	16.8	17.8	18.8	19.7	20.7	21.7
19	15.	16.	16.9	17.9	18.8	19.7	
18					17.8		

2.50
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	22.	23.2	24.4	25.5	26.7	27.8	28.8
24	21.	22.1	23.2	24.3	25.4	26.4	27.3
23	20.	21.1	22.1	23.2	24.2	25.1	25.9
22	19.	20.	21.	22.	22.9	23.7	24.5
21	18.	18.9	19.9	20.8	21.6	22.3	23.1
20	17.	17.9	18.8	19.6	20.3	21.	21.7
19	16.	16.9	17.7	18.4	19.	19.7	
18					17.8		

3.00
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	24.3	25.5	26.6	27.6	28.6	29.5	30.4
24	23.1	24.2	25.2	26.2	27.	27.9	28.6
23	21.9	22.9	23.8	24.7	25.5	26.3	26.9
22	20.7	21.6	22.5	23.2	24.	24.6	25.2
21	19.5	20.3	21.1	21.8	22.5	23.	23.5
20	18.3	19.1	19.7	20.4	20.9	21.4	21.7
19	17.	17.7	18.3	18.9	19.3	19.7	
18					17.8		

3.50
ADD

PLUS
9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	26.7	27.8	28.8	29.7	30.6	31.3	31.9
24	25.2	26.2	27.1	28.	28.7	29.3	29.9
23	23.8	24.7	25.5	26.3	26.9	27.4	27.9
22	22.3	23.1	23.9	24.5	25.	25.5	25.8
21	20.9	21.6	22.3	22.8	23.2	23.6	23.8
20	19.4	20.1	20.6	21.	21.4	21.7	
19	18.	18.6	19.	19.3	19.7		
18					17.8		

KRYPTOK PLUS

3.75 PLUS
ADD 9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	28.	29.1	30.1	31.	31.7	32.4	32.9
24	26.4	27.4	28.3	29.1	29.7	30.3	30.6
23	24.9	25.8	26.6	27.2	27.8	28.2	28.4
22	23.3	24.1	24.8	25.3	25.8	26.	26.2
21	21.7	22.4	22.9	23.4	23.7	23.8	23.9
20	20.2	20.8	21.2	21.6	21.7	21.8	
19	18.7	19.1	19.5	19.6	19.7		
18				17.8			

2.25 PLUS
ADD 10.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	22.3	23.6	25.	26.5	27.9	29.2	30.6
24	21.4	22.6	24.	25.4	26.7	28.	29.3
23	20.4	21.6	23.	24.3	25.5	26.7	28.
22	19.5	20.7	22.	23.2	24.4	25.5	26.8
21	18.6	19.8	21.	22.1	23.2	24.3	25.5
20	17.8	18.9	20.	21.1	22.2	23.3	
19	17.	18.	19.	20.	21.	22.	
18					19.9		

2.75 PLUS
ADD 10.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	24.4	25.7	27.1	28.4	29.7	30.8	32.1
24	23.3	24.5	25.8	27.1	28.2	29.3	30.5
23	22.2	23.4	24.5	25.8	26.8	27.9	29.
22	21.2	22.2	23.4	24.4	25.4	26.4	27.4
21	20.1	21.1	22.2	23.1	24.1	25.	25.9
20	19.	20.	20.9	21.8	22.7	23.5	24.3
19	17.9	18.8	19.6	20.5	21.3	22.	
18					19.9		

3.25 PLUS
ADD 10.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	27.	28.3	29.5	30.7	31.8	32.8	33.8
24	25.7	26.8	28.	29.1	30.1	31.	31.9
23	24.3	25.3	26.4	27.4	28.3	29.1	30.
22	22.9	23.9	24.9	25.8	26.6	27.3	28.1
21	21.6	22.5	23.4	24.2	24.9	25.5	26.2
20	20.3	21.1	21.9	22.6	23.4	23.9	24.4
19	19.	19.7	20.4	21.	21.6	22.	
18					19.9		

3.75 PLUS
ADD 10.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	29.4	30.6	31.8	32.9	33.8	34.7	35.5
24	27.8	28.9	30.	31.	31.8	32.6	33.2
23	26.3	27.3	28.3	29.1	29.9	30.5	31.
22	24.6	25.6	26.5	27.2	27.9	28.3	28.9
21	23.1	23.9	24.6	25.3	25.8	26.1	26.5
20	21.6	22.3	22.9	23.5	23.8	24.1	24.3
19	20.1	20.6	21.2	21.6	21.8	22.	
18					19.9		

4.00 PLUS
ADD 9.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	29.3	30.3	31.3	32.1	32.8	33.4	33.7
24	27.5	28.4	29.3	30.	30.6	31.	31.3
23	25.7	26.6	27.3	27.9	28.4	28.6	28.8
22	24.1	24.9	25.5	26.	26.2	26.5	
21	22.5	23.1	23.6	24.	24.2		
20	20.9	21.4	21.8	22.1			
19	19.2	19.6	20.				
18		18.					

2.50 PLUS
ADD 10.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	23.4	24.7	26.1	27.4	28.8	30.1	31.4
24	22.4	23.6	24.9	26.2	27.5	28.7	29.9
23	21.4	22.6	23.8	25.1	26.3	27.4	28.5
22	20.4	21.5	22.7	23.9	25.	26.	27.1
21	19.4	20.4	21.6	22.7	23.7	24.6	25.7
20	18.4	19.4	20.5	21.5	22.4	23.3	24.3
19	17.4	18.4	19.4	20.3	21.1	22.	
18					19.9		

3.00 PLUS
ADD 10.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	25.7	27.	28.3	29.5	30.7	31.8	33.
24	24.5	25.7	26.9	28.1	29.1	30.2	31.2
23	23.3	24.4	25.5	26.6	27.6	28.6	29.5
22	22.1	23.1	24.2	25.1	26.1	26.9	27.8
21	20.9	21.8	22.8	23.7	24.6	25.3	26.1
20	19.7	20.6	21.4	22.3	23.	23.7	24.3
19	18.4	19.2	20.	20.8	21.4	22.	
18					19.9		

3.50 PLUS
ADD 10.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	28.1	29.3	30.5	31.6	32.7	33.6	34.5
24	26.6	27.7	28.8	29.9	30.8	31.6	32.5
23	25.2	26.2	27.2	28.2	29.	29.7	30.5
22	23.7	24.6	25.6	26.4	27.1	27.8	28.4
21	22.3	23.1	24.	24.7	25.3	25.9	26.4
20	20.8	21.6	22.3	22.9	23.5	24.	24.3
19	19.4	20.1	20.7	21.2	21.7	22.	
18					19.9		

4.00 PLUS
ADD 10.00

S	H 14	H 15	H 16	H 17	H 18	H 19	H 20
25	30.7	31.8	33.	34.	34.9	35.7	36.3
24	28.9	29.9	31.	31.9	32.7	33.3	33.9
23	27.1	28.1	29.	29.6	30.5	30.9	31.4
22	25.5	26.4	27.2	27.9	28.4	28.8	28.1
21	23.9	24.6	25.3	25.9	26.2	26.5	26.7
20	22.3	22.9	23.5	23.9	24.2	24.3	
19	20.6	21.1	21.6	21.9	22.		
18				19.9			

THICKNESS ALLOWANCE TABLE

A. The thickness allowance tables are for index 1.522 glass. In them will be found the thickness allowance for any lens curve, at a given size.

B. The different dioptries will be found at the top of columns D. The different sizes are in millimeters and will be found in column S.

C. All thickness allowance calculations are in points. Five points equal one millimeter.

D. The thickness allowance for a dioptre, at a given size, lies in a horizontal position with the size and a vertical position with the dioptre.

E. The thickness allowance for any lens curve, at a given size, is the thickness of the blank required; or the difference in thickness between the edge and the center.

F. The thickness allowance for a convex lens, at a given size, is the difference in thickness between the edge and the center; with no edge thickness given measured at the center.

G. The thickness allowance for a concave lens, at a given size, is the difference in thickness between the center and the edge; with no center thickness given measured at the edge.

H. Thickness allowance will be found abbreviated, T. A., in all the given rules and examples.

I. To find the thickness allowance for any lens curve, at a given size, use rule 1.

RULE 1.—To find the T. A. for a lens curve with the dioptral number and the size being given.

Find the dioptre at the top of a column D, then the size in column S. Trace down the column of the dioptre and trace the line on which the size is found to the right, until they intersect. At the intersection will be found the T. A., for the given dioptre and size.

Ex: 1.00 D. Sph., size 45 mm. Find T. A.

Ans. 2.4 pts. T. A.

SPHERICAL THICKNESS

RULE 2.—Plus or convex lenses are thickest at the optical center. (Minus or concave lenses are thinnest at the optical center.)

RULE 3.—The edge and strap thickness are to be classed the same in all the given rules.

RULE 4.—To find the edge thickness of a convex lens with the dioptric power, size and center thickness being given.

Find the T. A. by rule 1, and subtract the T. A. from the given center thickness.

Ex: + 1.00 D. Sph., size 45 mm., 10 pts. center. Find the edge thickness.

Sol: 1.00 D. at 45 mm. = 2.4 pts. T. A.

10 pts. — 2.4 pts. = 7.6 pts.

Ans. 7.6 pts. edge thickness.

RULE 5.—To find the center thickness of a convex lens with the dioptric power, size and edge thickness being given.

Find the T. A. by rule 1, and add the T. A. to the given edge thickness.

Ex: + 1.00 D. Sph., size 45 mm., 10 pts. edge. Find the center thickness.

Sol: 1.00 D. at 45 mm. = 2.4 pts. T. A.

10 pts. + 2.4 pts. = 12.4 pts.

Ans. 12.4 pts. center thickness.

RULE 6.—To find the edge thickness of a concave lens with the dioptric power, size and center thickness being given.

Find the T. A. by rule 1, and add the T. A. to the given center thickness.

Ex: — 1.00 D. Sph., size 45 mm., 10 pts. center. Find the edge thickness.

Sol: 1.00 D. at 45 mm. = 2.4 pts. T. A.

10 pts. + 2.4 pts. = 12.4 pts.

Ans. 12.4 pts. edge thickness.

RULE 7.—To find the center thickness of a concave lens with the dioptric power, size and edge thickness being given.

Find the T. A. by rule 1, and subtract the T. A. from the given edge thickness.

Ex: — 1.00 D. Sph., size 45 mm., 10 pts. edge. Find the center thickness.

Sol: 1.00 D. at 45 mm. = 2.4 pts. T. A.

10 pts. — 2.4 pts. = 7.6 pts.

Ans. 7.6 pts. center thickness.

RULE 8.—To find the T. A. for a convex or concave lens with one surface Plano. Use rule 1.

RULE 9.—To find the T. A. for a convex or concave lens with a base curve being given.

Subtract the T. A. of the weaker curve from the T. A. of the stronger curve.

Ex: 4.00 D. Sph., size 45 mm., 6.00 D. base, or 6.00 D. and 10.00 D. curves. Find the T. A.

Sol: 10.00 D. at 45 mm. = 25.5 pts. T. A.

6.00 D. at 45 mm. = 14.8 pts. T. A.

25.5 pts. — 14.8 pts. = 10.7 pts.

Ans. 10.7 pts. T. A.

RULE 10.—To find the T. A. for a bi-concave or bi-convex lens. Add the T. A. of the two curves.

Ex: 10.00 D. Sph., size 45 mm., bi-concave. Find the T. A.

Sol: 5.00 D. at 45 mm. = 12.2 pts. T. A.

12.2 pts. + 12.2 pts. = 24.4 pts.

Ans. 24.4 pts. T. A.

RULE 11.—The stronger the base curve for a concave or convex lens, the greater the T. A.

Note the difference in the T. A. for a 4.00 D. lens, size 45 mm., in the following forms..

2.00 D. and 2.00 D. curves.....	9.6 pts. T. A.
.00 and 4.00 D. curves.....	9.8 pts. T. A.
3.00 D. and 7.00 D. curves.....	10.1 pts. T. A.
6.00 D. and 10.00 D. curves.....	10.7 pts. T. A.
9.00 D. and 13.00 D. curves.....	11.8 pts. T. A.

RULE 12.—To find the desired dioptric curve to grind index 1.507 glass on 1.522 index tools.

Multiply the dioptry by .03, and add the product to the given dioptry.

Ex: 4.00 D., index of glass 1.507. Find the equivalent dioptric curve of index 1.522.

Sol: 4.00 D. $\times$.03 = .12 D.

4.00 D. + .12 D. = 4.12 D.

Ans. 4.12 D. curve.

RULE 13.—To find the desired dioptric curve to grind index 1.522 glass on 1.507 index tools.

Multiply the dioptry by .03, and subtract the product from the given dioptry.

Ex: 4.00 D., index of glass 1.522. Find the equivalent dioptric curve of index 1.507.

Sol: 4.00 D. $\times$.03 = .12 D.

4.00 D. — .12 D. = 3.88 D.

Ans. 3.88 D. curve.

RULE 14.—To find the T. A. for a lens with index 1.507 being given.

Find the dioptric curve by rule 12, then use rule 1, 9 or 10 to find the T. A.

CYLINDER TABLE

RULE 15.—In the cylinder table will be found the dioptric power of the different meridians of a cylinder. The 0 or 180th meridian has no refractive power and is called the axis. The power increases in the different meridians from 0 or 180th to the 90th, which is the strongest meridian of the cylinder.

RULE 16.—Placing the axis of a cylinder at a given degree, gives to the horizontal meridian of the lens the power of that respective meridian of the cylinder; i. e., placing the axis of a cylinder at 45 degrees, gives to the horizontal meridian of the lens, the power of the 45th meridian of the cylinder.

RULE 17.—To find the dioptric power of the vertical meridian of a cylindrical lens with the axis being given.

If the axis is placed at a degree between 0 and 90, subtract the given degree from 90, then use rule 19 to find the dioptric power.

If the axis is placed at a degree between 90 and 180, subtract 90 from the given degree, then use rule 19 to find the dioptric power.

Ex: 4.00 D. Cyl., axis 45 degrees. Find the dioptric power of the 90th or vertical meridian of the lens.

Sol: Axis 45, between 0 and 90, subtract 45 from 90.

$90 - 45 = 45$ th meridian of the cylinder in the vertical meridian of the lens.

4.00 D. Cyl. axis at 45 degrees = 2.00 D. (by rule 19).

Ans. 2.00 D., dioptric power of the vertical meridian of the lens.

RULE 18.—To find the edge thickness of a finished cylindrical lens with the dioptre, size, center thickness and axis being given. Find the dioptric power of the horizontal meridian of the lens, by rule 19, and proceed as if it were spherical.

RULE 19.—To find the dioptric power of the horizontal meridian of a cylindrical lens with the dioptre number of the cylinder and the axis being given, or to find the dioptric power of a given meridian of a cylinder.

Find the dioptre number of the cylinder in column Cyl., then the axis or the given meridian at the top of a column. Trace down the column of the axis or the given meridian, and trace the line on which the dioptre number is found to the right, until they intersect. At the intersection will be found the dioptric power of the horizontal meridian of the lens, for the given cylinder and axis, or the dioptric power of the given meridian of the cylinder.

Ex: 1.00 D. Cyl., axis 45 degrees. Find the dioptric power of the horizontal meridian of the lens, or find the dioptric power of the 45th meridian of the given cylinder.

Ans. .50 D.

CYLINDRICAL THICKNESS

RULE 20.—To find the edge thickness of a lens with a plus cylinder, axis, size and center thickness being given.

Find the dioptric power of the horizontal meridian of the lens by rule 19, then the T. A. by rule 1. Subtract the T. A. from the given center thickness.

Ex: + 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. center. Find the edge thickness.

Sol: + 1.00 D. Cyl. axis 45 = + .50 D. (by rule 19).

.50 D. at 45 mm. = 1.2 pts. T. A.

10 pts. — 1.2 pts. = 8.8 pts.

Ans. 8.8 pts. edge thickness.

RULE 21.—To find the center thickness of a lens with a plus cylinder, axis, size and edge thickness being given.

Find the dioptric power of the horizontal meridian of the lens by rule 19, then the T. A. by rule 1. Add the T. A. to the given edge thickness.

Ex: + 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. edge. Find the center thickness.

Sol: + 1.00 D. Cyl. axis 45 = + .50 D. (by rule 19).

.50 D. at 45 mm. = 1.2 pts. T. A.

10 pts. + 1.2 pts. = 11.2 pts.

Ans. 11.2 pts. center thickness.

RULE 22.—To find the edge thickness of a lens with a minus cylinder, axis, size and the center thickness being given.

Find the dioptric power of the horizontal meridian of the lens by rule 19, then the T. A. by rule 1. Add the T. A. to the given center thickness.

Ex: — 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. center. Find the edge thickness.

Sol: — 1.00 D. Cyl., axis 45 = — .50 D. (by rule 19).

.50 D. at 45 mm. = 1.2 pts. T. A.

10 pts. + 1.2 pts. = 11.2 pts.

Ans. 11.2 pts. edge thickness.

RULE 23.—To find the center thickness of a lens with a minus cylinder, axis, size and the edge thickness being given.

Find the dioptric power of the horizontal meridian of the lens by rule 19, then the T. A. by rule 1. Subtract the T. A. from the given edge thickness.

Ex: — 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. edge. Find the center thickness.

Sol: — 1.00 D. Cyl., axis 45 = — .50 D. (by rule 19.)

.50 D. at 45 mm. = 1.2 pts. T. A.

10 pts. — 1.2 pts. = 8.8 pts.

Ans. 8.8 pts. center thickness.

SPHERO CYLINDER THICKNESS

RULE 24.—To find the edge thickness of a lens with a plus sph. and plus cyl., axis, size and center thickness being given.

Find the dioptric power of the horizontal meridian of the cylindrical surface by rule 19, then the T. A. by rule 1, then the T. A. for the spherical surface by rule 1. Add the two T. A., and subtract the sum from the given center thickness.

Ex: +1.00 D. Sph., + 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. center. Find the edge thickness.

Sol: + 1.00 D. Cyl. axis 45 = + .50 D. (by rule 19).

.50 D. at 45 mm. = 1.2 pts. T. A.

1.00 D. at 45 mm. = 2.4 pts. T. A.

2.4 pts. + 1.2 pts. = 3.6 pts.

10 pts. — 3.6 pts. = 6.4 pts.

Ans. 6.4 pts. edge thickness.

RULE 25.—To find the center thickness of a lens with a plus sph. and plus cyl., axis, size and edge thickness being given.

Find the dioptric power of the horizontal meridian of the cylindrical surface by rule 19, then the T. A. by rule 1, then the T. A. for the spherical surface by rule 1. Add the two T. A. and add the sum to the given edge thickness.

Ex: + 1.00 D. Sph., + 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. edge. Find the center thickness.

Sol: + 1.00 D. Cyl. axis 45 = + .50 D. (by rule 19).

.50 D. at 45 mm. = 1.2 pts. T. A.

1.00 D. at 45 mm. = 2.4 pts. T. A.

2.4 pts. + 1.2 pts. = 3.6 pts.

10 pts. + 3.6 pts. = 13.6 pts.

Ans. 13.6 pts. center thickness.

RULE 26.—To find the edge thickness of a lens with a minus sph. and minus cyl., axis, size and center thickness being given.

Find the dioptric power of the horizontal meridian of the cylindrical surface by rule 19, then the T. A. by rule 1, then the T. A. of the spherical surface by rule 1. Add the two T. A. and add the sum to the given center thickness.

Ex: — 1.00 D. Sph., — 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. center. Find the edge thickness.

Sol: — 1.00 D. Cyl. axis 45 = — .50 D. (by rule 19).

.50 D. at 45 mm. = 1.2 pts. T. A.

1.00 D. at 45 mm. = 2.4 pts. T. A.

2.4 pts. + 1.2 pts. = 3.6 pts.

10 pts. + 3.6 pts. = 13.6 pts.

Ans. 13.6 pts. edge thickness.

RULE 27.—To find the center thickness of a lens with a minus sph. and minus cyl., axis, size and edge thickness being given.

Find the dioptric power of the horizontal meridian of the cylindrical surface by rule 19, then the T. A. by rule 1, then the T. A. for the spherical surface by rule 1. Add the two T. A. and subtract the sum from the given edge thickness.

Ex: — 1.00 D. Sph., — 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. edge. Find the center thickness.

Sol: — 1.00 D. Cyl. axis 45 = — .50 D. (by rule 19).

.50 D. at 45 mm. = 1.2 pts. T. A.

1.00 D. at 45 mm. = 2.4 pts. T. A.

2.4 pts. + 1.2 pts. = 3.6 pts.

10 pts. — 3.6 pts. = 6.4 pts.

Ans. 6.4 pts. center thickness.

RULE 28.—To find the edge thickness of a lens with a plus sph. and minus cyl., or a minus sph. and plus cyl., axis, size and the center thickness being given.

Find the dioptric power of the horizontal meridian of the cylindrical surface by rule 19, and compare it to the dioptric power of the spherical surface. If one is of stronger power, note the sign. [Find the T. A. for the cylindrical surface, then the T. A. for the spherical surface, by rule 1. Subtract the lesser T. A. from the greater. If the sign of the stronger power is plus, subtract the remainder from the given center thickness. If the sign of the stronger power is minus, add the remainder to the given center thickness.]

Ex: + 1.00 D. Sph., — 1.00 D. Cyl., axis 45, size 45, 10 pts. center. Find the edge thickness.

Sol: — 1.00 D. Cyl. axis 45 = — .50 D. (by rule 19).

+ 1.00 D. compared to — .50 D. = plus, sign of the stronger power.

.50 D. at 45 mm. = 1.2 pts. T. A.

1.00 D. at 45 mm. = 2.4 pts. T. A.

Signs of the two powers are different, subtract the lesser T. A. from the greater.

2.4 pts. — 1.2 pts. = 1.2 pts.

Plus, sign of stronger power, subtract.

10 pts. — 1.2 pts. = 8.8 pts.

Ans. 8.8 pts. edge thickness.

Ex: + .50 D. Sph., — 1.00 D. Cyl., axis 90, size 45 mm., 10 pts. center. Find edge thickness.

Sol: — 1.00 D. Cyl. axis 90 = — 1.00 D. (by rule 19).

+ .50 D. compared to — 1.00 D. = minus, sign of the stronger power.

1.00 D. at 45 mm. = 2.4 pts. T. A.

.50 D. at 45 mm. = 1.2 pts. T. A.

2.4 pts. — 1.2 pts. = 1.2 pts.

10 pts. + 1.2 pts. = 11.2 pts.

Ans. 11.2 pts. edge thickness.

RULE 29.—To find the center thickness of a lens with a plus sph. and minus cyl., or a minus sph. and plus cyl., axis, size and edge thickness being given.

Proceed as in rule 28, except if the sign of the stronger power is plus, add the remainder to the given edge thickness; if the sign of the stronger power is minus, subtract remainder from edge thickness.

Ex: + 1.00 D. Sph., — 1.00 D. Cyl., axis 45, size 45 mm., 10 pts. edge. Find the center thickness.

Sol: — 1.00 D. Cyl. axis 45 = — .50 D. (rule 19).

+ 1.00 D. compared to — .50 D. = plus, sign of the stronger power.

.50 D. at 45 mm. = 1.2 pts. T. A.

1.00 D. at 45 mm. = 2.4 pts. T. A.

2.4 pts. — 1.2 pts. = 1.2 pts. (plus sign, add).

10 pts. + 1.2 pts. = 11.2 pts.

Ans. 11.2 pts. center thickness.

KRYPTOK PLANO TABLE

RULE 30.—The plano table shows the actual thickness of a scale or disc, for a given addition and size, measured at the center of the disc. The calculations given on this table are the actual thickness of the disc; if the lens is ground as thin as the given calculations you will immediately grind into the disc. Therefore to avoid grinding into the disc, add .5 pt. or 1 pt. to the given calculation. To find the actual thickness of a scale or disc, use rule 31.

RULE 31.—To find the thickness of a scale or disc with the addition and size in mm. being given.

Find the addition in the first column Add., then the size at the top of a column S. Trace down the column of the size and trace the line on which the addition is found to the right, until they intersect. At the intersection will be found the actual thickness of the scale for the given addition and size.

Ex: 3.00 Add., size of scale 20 mm. Find the thickness of the scale.

Ans. 8.4 pts. thickness.

MINIMUM CENTER THICKNESS

RULE 32.—Minimum center thickness, abbreviated M. C. T., for a plus or minus spherical Kryptok lens, is the minimum thickness the lens can be ground, or the center thickness at which you will grind into the disc, measured at the optical center of the lens, with the position of the scale as explained in rules 33 and 34. The M. C. T. calculations given are the thinnest the lens can be ground; i. e., if the lens is ground as thin as the calculations, you will immediately grind into the disc. Therefore add .5 pt. or 1 pt. allowance to all M. C. T. calculations.

RULE 33.—In calculating the M. C. T. for a spherical Kryptok lens, the distance of the top edge of the scale below the optical center of the lens must be considered.

All the given calculations for plus dioptric power are for the scale two mm. below the optical center of the lens. If the scale is placed less than 2 mm. below center, there will be space between the disc and the surface of the lens. These calculations were made for the scale 2 mm. below center, because a small number of lenses are made with the scale more than 2 mm. below center. Therefore the scale can be placed .5, 1, 1.5 or 2 mm. below center and use the given calculations.

RULE 34.—The calculations given for minus dioptric power are for the scale 1 mm. below the optical center of the lens. If the scale is placed more than 1 mm. below center, as 1.5 or 2 mm., there will be space between the scale and the surface of the lens. Therefore a scale can be placed 1, 1.5, 2 or more mm. below center and use the given calculations and avoid grinding into the disc.

MINIMUM CENTER THICKNESS TABLE MINUS DIOPTRIC POWER

The M. C. T. calculations for minus dioptric power are the actual center thickness at which you will grind into the disc, measured at the optical center of the lens, with the position of the scale as explained in rule 34. To avoid grinding into the disc, add .5 or 1 pt. allowance to the given calculation.

To find the M. C. T. for an addition not given on the table use the next stronger power addition calculation given; as for 2.12 Add., use 2.25 Add. calculation. Use the next weaker dioptric power calculation given.

RULE 35.—To find the M. C. T. for a minus spherical Kryptok lens with the dioptric power of the lens, addition and size of the scale being given.

Find the table for the given addition, then the given dioptric power of the lens in column Sph., then the size at the top of a column S. Trace down the column S and trace the line on which the dioptric power is found to the right, until they intersect. At the intersection will be found the M. C. T. for the given dioptric power, addition and size of scale.

Ex: Minus 2.00 D. Sph., 3.00 Add., scale 20 mm. Find the M. C. T.

Ans. 7.4 pts. M. C. T.

**MINIMUM CENTER THICKNESS TABLE PLUS DIOPTRIC POWER—
.00 TO 2.50 D.**

The M. C. T. Tables for plus spherical Kryptok lenses, between .00 and 2.50 D., show the actual center thickness at which you will grind into the disc, measured at the optical center of the lens, with the position of the scale as explained in rule 33. Therefore add .5 or 1 pt. allowance to the given calculation, to avoid grinding into the disc. To find the M. C. T. for a dioptric power or an addition not given on the table, use the calculation for the next stronger dioptric power or the next stronger addition given. Ex: 1.25 D., use 1.50 D. calculation. Ex: 1.37 Add., use 1.50 add. calculation. To find the M. C. T. for a given dioptric power between .00 and 2.50 D., use rule 36.

RULE 36.—To find the M. C. T. for a plus spherical Kryptok lens, between .00 and 2.50 D., with the dioptric power of the lens, addition and size of the scale being given.

Find the table for the given dioptric power of the lens, then the addition in column Add., then the size in column S. Trace down the column of the size and trace the line on which the addition is found to the right, until they intersect. At the intersection will be found the M. C. T. for the given dioptric power of the lens, addition and size of scale.

Ex: Plus 1.00 D. Sph., 3.00 Add., scale 20 mm. Find the M. C. T.
Ans. 9.1 pts. M. C. T.

**MINIMUM CENTER THICKNESS TABLE PLUS DIOPTRIC POWER—
2.50 D. TO 10.00 D.**

In the M. C. T. Tables for plus spherical Kryptoks, between 2.50 and 10.00 D., the height must be considered, as well as the size. A scale 14 mm. high can be ground much thinner than one 20 mm. high, as 25/14 and 25/20. Therefore the height must be given as well as the size. The calculations given are for height from 14 to 20 mm. To find the M. C. T. for a dioptric power or addition not given, use the next stronger dioptric power or the next stronger addition calculation given.

RULE 37.—To find the M. C. T. for a plus spherical Kryptok lens, between 2.50 and 10.00 D., with the dioptral number of the lens, addition, height and size of scale being given.

Find the table for the given dioptric power of the lens and the addition of the scale, then the size of the scale in column S, then the height at the top of a column H. Trace down the column of the height, H, and trace the line on which the size is found to the right, until they intersect. At the intersection will be found the M. C. T. for the given dioptric power of the lens, addition, size and height of the scale.

Ex: Plus 5.00 D. Sph., 3.00 Add., size of scale 20 mm., height 14 mm. Find the M. C. T.
Ans. 13.4 pts. M. C. T.

RULE 38.—To find the M. C. T. for a cylindrical Kryptok lens.

Find the dioptric power of the vertical meridian of the lens, by rules 16 and 19, and proceed as if it were spherical.

Ex: Plus 4.00 D. Cyl., axis 45, 3.00 Add., size of scale 20 mm. Find the M. C. T.
Sol: Plus 4.00 D. Cyl., axis 45, equals 45th meridian of the cylinder in the vertical meridian of the lens (by rule 16).

45th meridian of a plus 4.00 D. Cyl., equals plus 2.00 D. (by rule 19).

Dioptric power of the vertical meridian, plus 2.00 D.

*Plus 2.00 D., 3.00 Add., scale 20 mm. Find M. C. T.

Ans. 9.9 pts. M. C. T.

RULE 39.—To find the M. C. T. for a compound Kryptok lens.

Find the dioptric power of the vertical meridian of the cylindrical surface, by rules 16 and 19, and proceed as if it were spherical.

Ex: Plus 4.00 D. Sph., plus 4.00 Cyl., axis 45, 3.00 Add., size 23 mm., height 14 mm. Find the M. C. T.

Sol: Plus 4.00 Cyl. axis 45, equals plus 2.00 D. (by rules 16 and 19).

Signs are plus $\ominus$ plus, add.

Plus 4.00 D. added to plus 2.00 D., equals plus 6.00 D.

*Plus 6.00 D., 3.00 Add, scale 23/14. Find the M. C. T.

Ans. 18.1 pts. M. C. T.

Note. *As the Ex would read.

DECENTRATION TABLE

In the decentration table will be found the prism dioptry for a given dioptric power and decentration. The different spherical dioptries will be found in the column D. The decentration will be found at the top of a column Dec. The prism dioptry, for a given dioptric power and decentration, will be found in a horizontal position with the dioptric power and a vertical position with the decentration. To find the prism dioptry for a given dioptric power and decentration, use rule 40.

At the right side of the page, of the decentration table, in the four columns under the heading Pr., will be found the decentration of a given dioptric power for a .25 Pr., .50 Pr., .75 Pr. and 1.00 Pr. To find the decentration for a .25, .50, .75 or 1.00 Pr., with the dioptric power being given, use rule 41.

RULE 40.—To find the prism dioptry with the dioptric power and the decentration in mm. being given.

Find the given dioptric power in column D., then the decentration at the top of a column Dec. Trace down the column Dec. and trace the line on which the dioptric power is found to the right, until they intersect. At the intersection will be found the prism dioptry for the given dioptric power and decentration.

Ex: 1.00 D. Sph., decentered 5 mm. Find the Pr., or prism dioptry.

Ans. .50 Pr. or prism dioptry.

RULE 41.—To find the decentration for a .25, .50, .75 or 1.00 Pr. with the dioptric power being given.

Find the given dioptric power in column D., then the prism dioptry at the top of a column Pr., at the right side of the page. Trace down the column Pr. and trace the line on which the dioptric power is found to the right, until they intersect. At the intersection will be found the decentration for the given prism dioptry and dioptric power.

Ex: Decenter a 1.00 D. Sph. to get a 1.00 Pr.

Ans. 10 mm. decentration.

RULE 42.—Decentering a plus lens produces prism dioptry, base in the direction of the decentration. Decentering a minus lens produces prism dioptry, base opposite direction of the decentration.

LENTICULAR

Strong dioptric power minus lenses have a very thick edge. To decrease this thickness or extra weight it is necessary to convex the edge, using a concave tool. This

form of a lens is called a lenticular. To calculate the convex curve required the dioptric power and size of the center, size, edge and center thickness of the lens must be given. The first step is to find the T. A. at the size of the center, then add this T. A. to the center thickness. Compare the product to the given edge thickness. If the product is greater than the edge thickness, subtract the edge thickness; the remainder is the amount to be convexed. The next step is to find the convex curve which will decrease the edge to the required thickness. This can be done by subtracting the T. A. of a dioptre at the size of the center, as 30 mm. from the T. A. of the same dioptre at the size of the lens, as 40 mm. If the difference between the T. A., at 30 mm. and 40 mm., equals the amount to be convexed, it is the convex curve to use. If the remainder is greater, it signifies this curve is too strong, then try the next weaker curve, until the exact curve is found. The remainder must equal the amount to be convexed. Rule 43.

RULE 43.—To find the convex curve for a lenticular with the dioptric power and size of the center, size, edge and center thickness of the lens being given.

Find the T. A. for the given dioptre at the size of the center. Add this T. A. to the center thickness. The sum equals the thickness of the blank required. Compare this product to the edge thickness; if the product is greater, subtract the edge thickness. The remainder is the amount to be convexed. To find the required convex curve, subtract the T. A. of a dioptre at the size of the center, as 30 mm., from the T. A. of the same dioptre at the size of the lens. If the remainder is greater than the amount to be convexed, it signifies this curve is too strong, then try the next weaker curve, until the exact curve is found. The difference between the two T. A. must equal the amount to be convexed.

Ex: Minus 10.00 Sph., size of center 30 mm.; size of lens 40 mm., 2 pts. center thickness, 5 pts. edge thickness, plano base.

****Note.** Each step of the solution is numbered.

- Sol: 1. Find the T. A. of the given dioptre at the size of the center.
10.00 D. at 30 mm. equals 11 pts. T. A.
2. Add this T. A. to the center thickness of the lens.
11 pts. plus 2 pts. equals 13 pts. (thickness of the blank required).
3. Subtract the edge thickness of the lens.
13 pts. minus 5 pts. equals 8 pts. (amount to be convexed).
4. Find the convex curve which will decrease the edge 8 pts. Try the given curve, 10.00 D.
10.00 D. at the size of the lens, 40 mm., equals 19.9 pts. T. A.
10.00 D. at the size of the center, 30 mm., equals 11 pts. T. A.
5. Subtract the T. A. at the size of the center, 30 mm., from the T. A. at the size of the lens, 40 mm.
19.9 pts. minus 11 pts. equals 8.9 pts. (10.00 D. curve too strong, try 9.00 D. curve).
- *4. 9.00 D. at 40 mm., equals 17.8 pts. T. A.
9.00 D. at 30 mm., equals 9.8 pts. T. A.
- *5. 17.8 pts. minus 9.8 pts. equals 8 pts.
Ans. 9.00 D. convex curve.

RULE 44.—To find the convex curve for a compound lenticular.

Find the T. A. for the given dioptre, at the size of the center; add center thickness. Find the dioptric power of the horizontal meridian of the cylindrical surface, then the T. A., at the size of the lens. If the sign of the cyl. is minus, add this T. A. to the sum of the former; if the sign of the cyl. is plus, subtract. Subtract the edge thickness and then find the convex curve, as in rule 43.

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